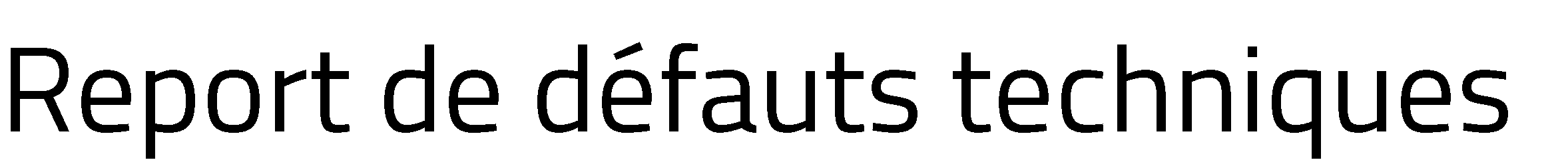
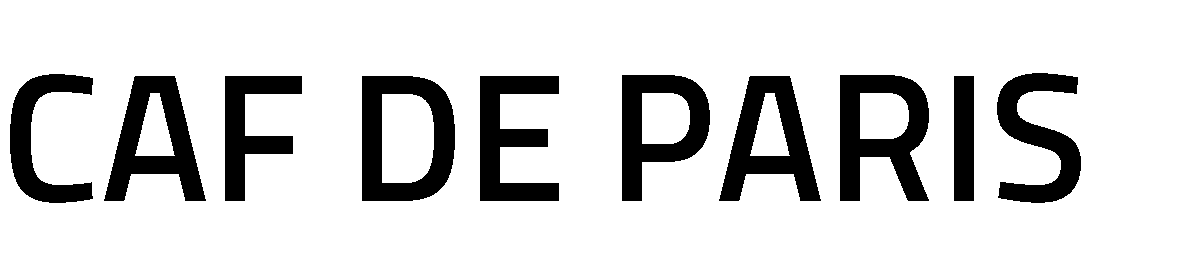
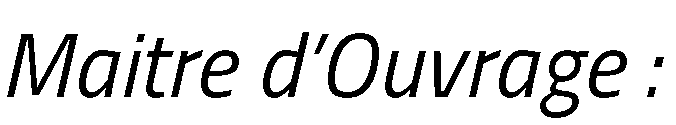
Annexe 1 au CCTP – MA 03/2025



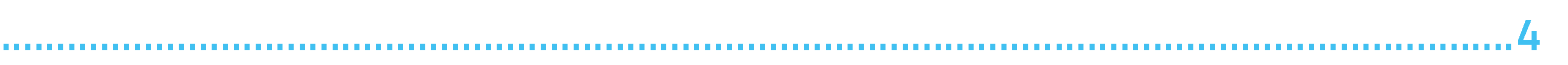
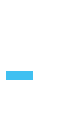


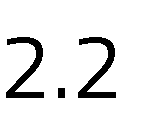
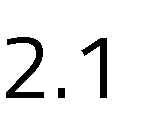


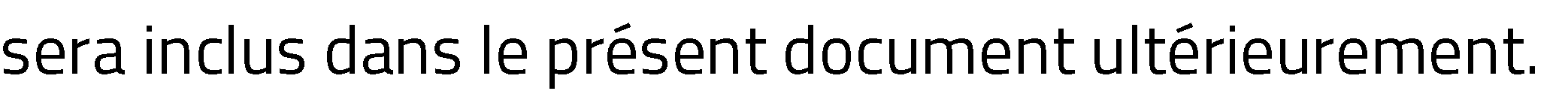
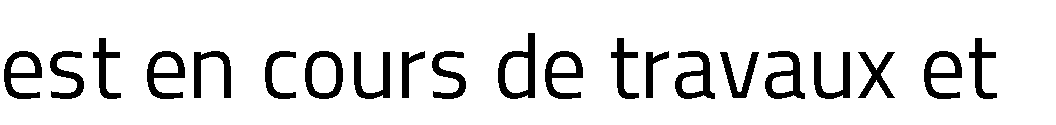
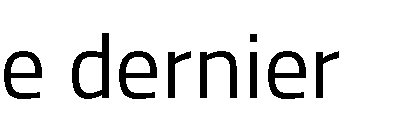
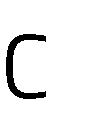
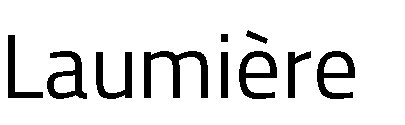
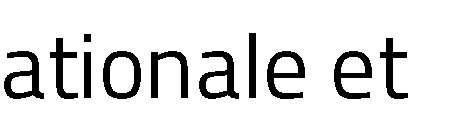
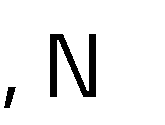
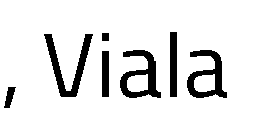
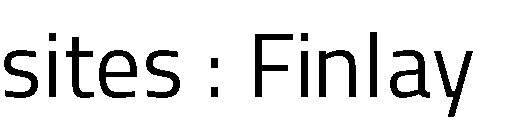
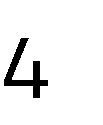
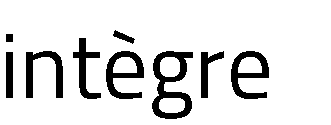
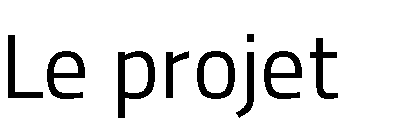
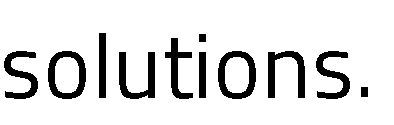
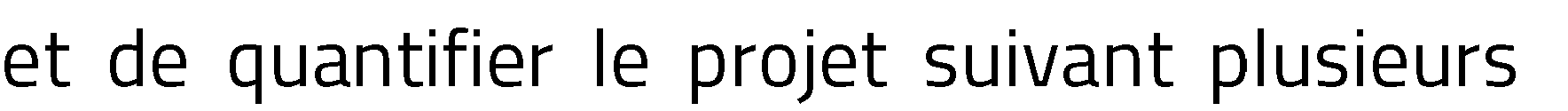
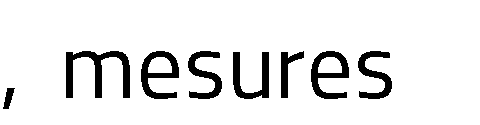
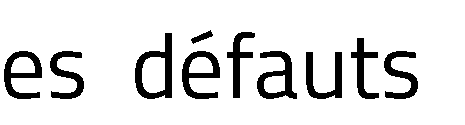
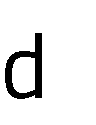
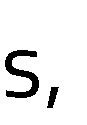
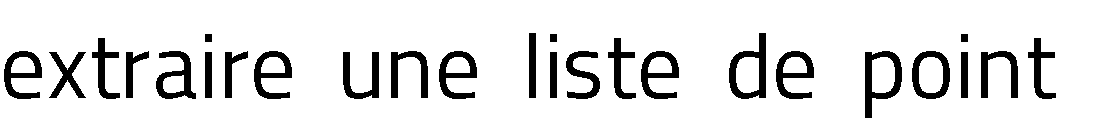
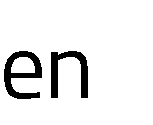
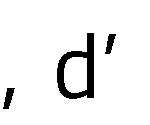
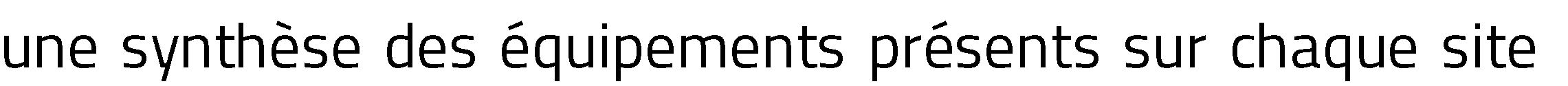
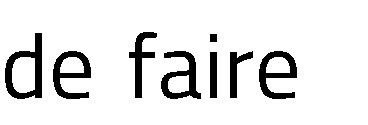
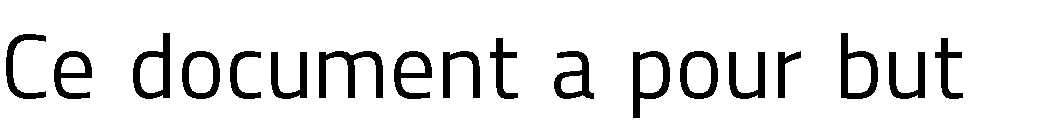
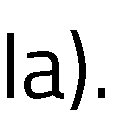
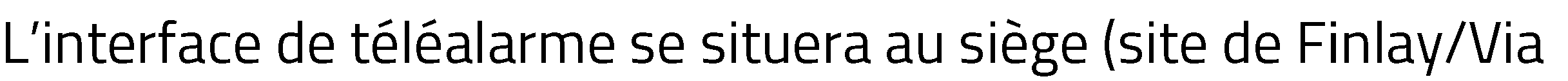
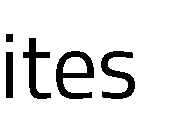
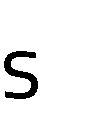
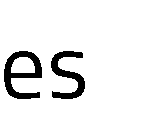
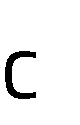
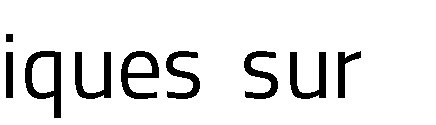
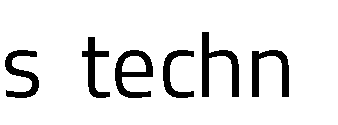
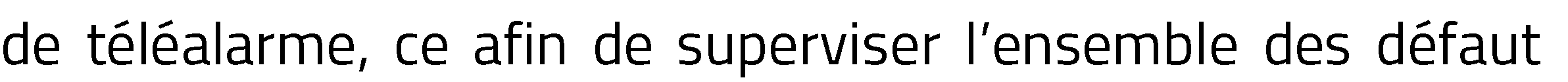
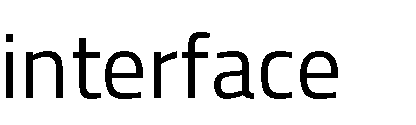
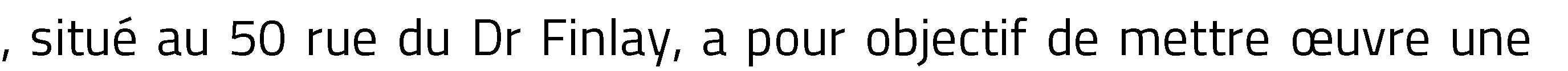
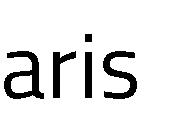
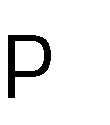
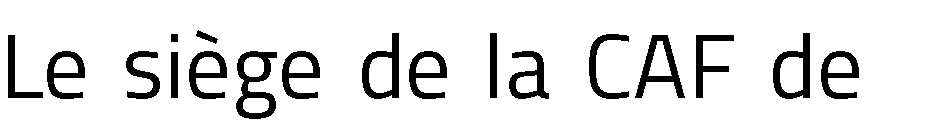
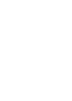
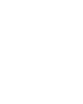
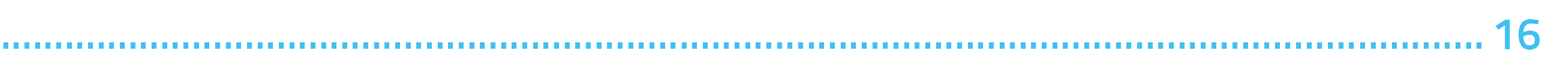
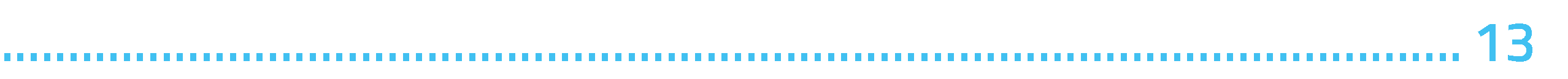
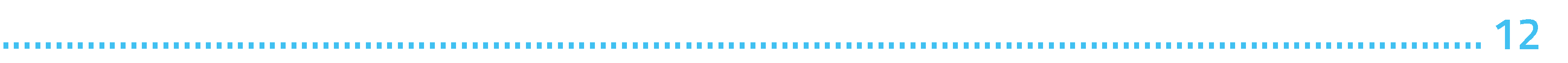
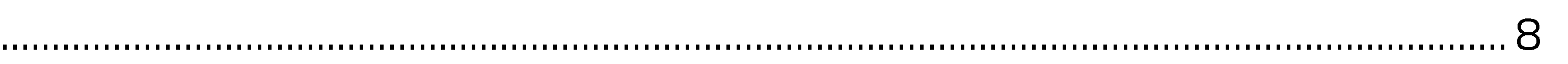
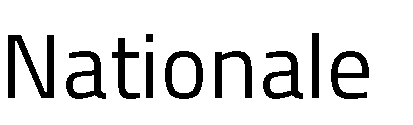
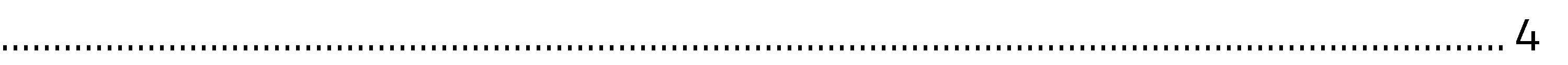
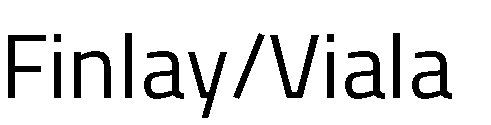
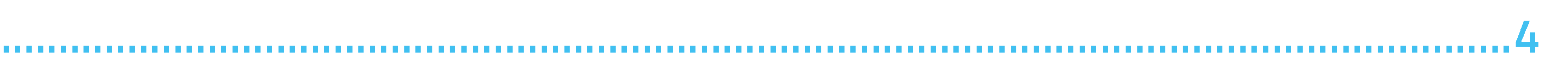
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**SOMMAIRE**

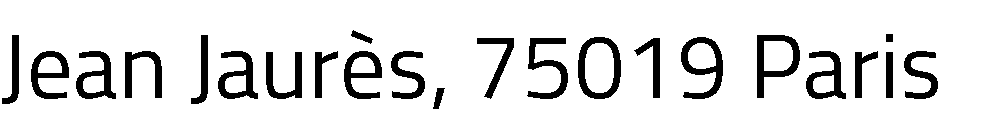
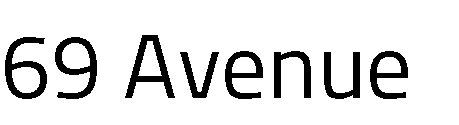
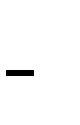
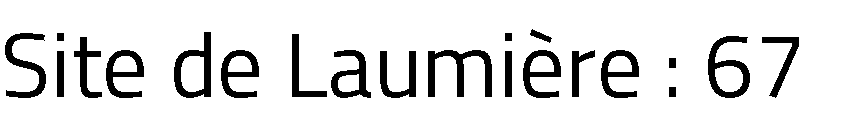
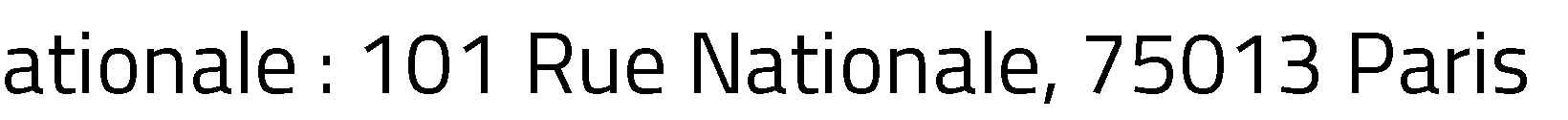
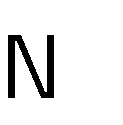
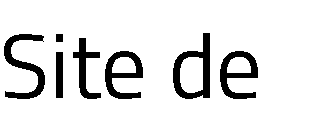
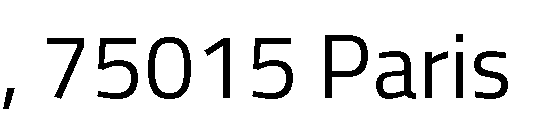
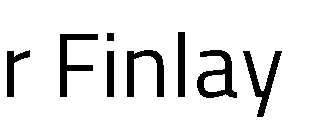
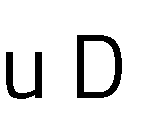
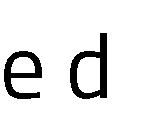
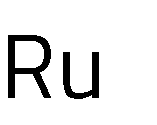
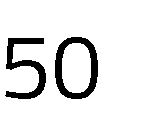
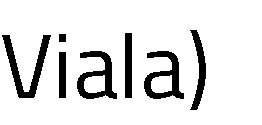
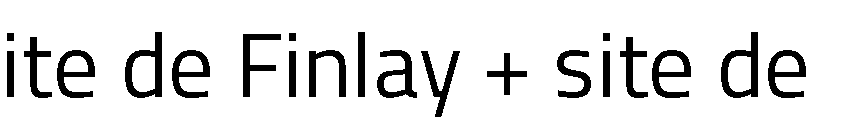
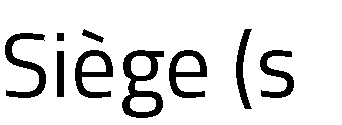
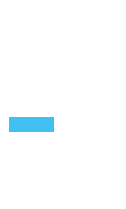
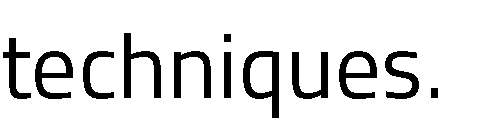
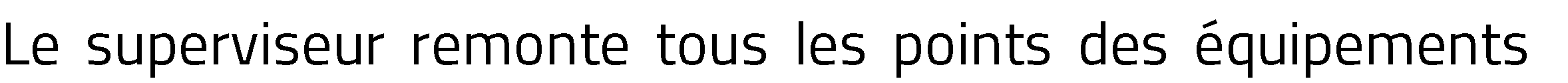
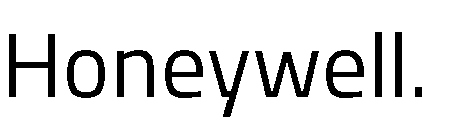
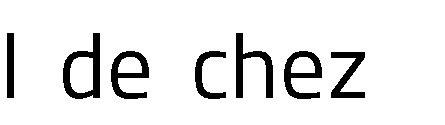
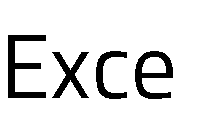
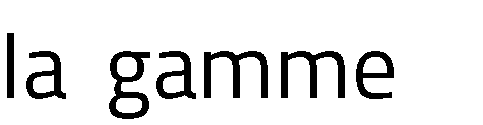
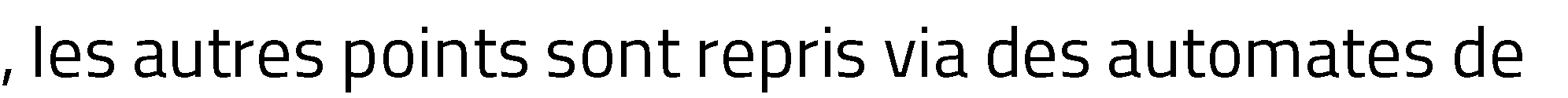
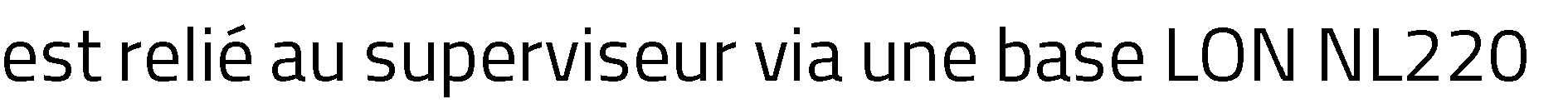
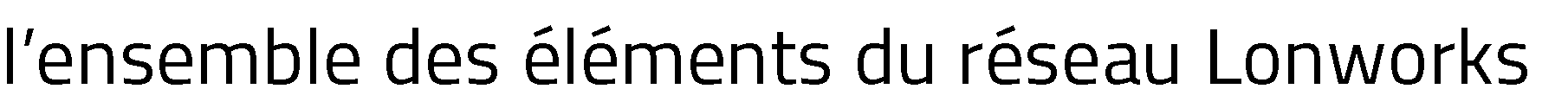
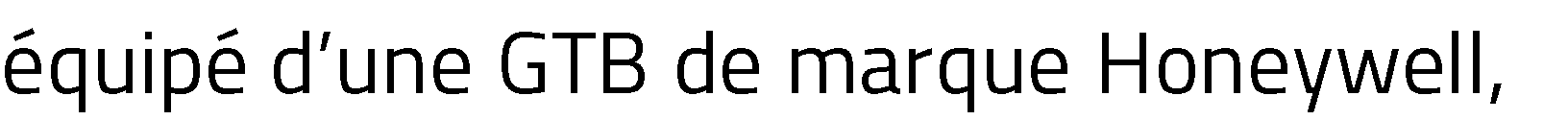
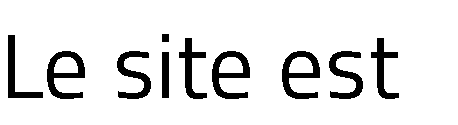




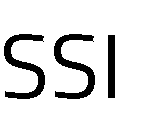
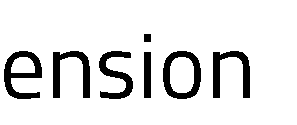
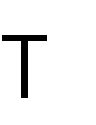
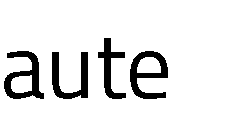
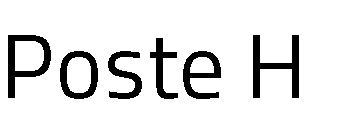
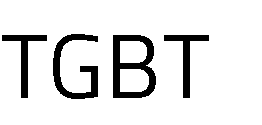
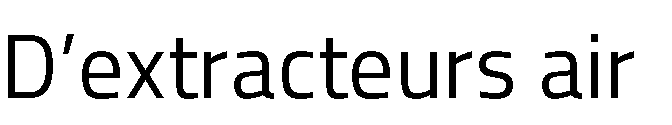
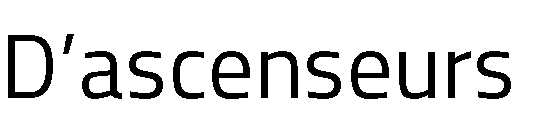
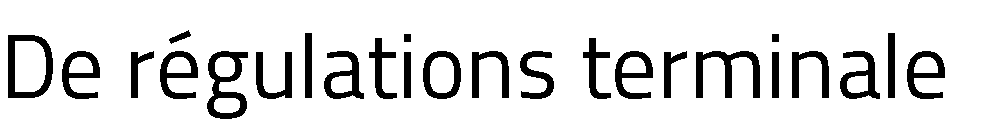
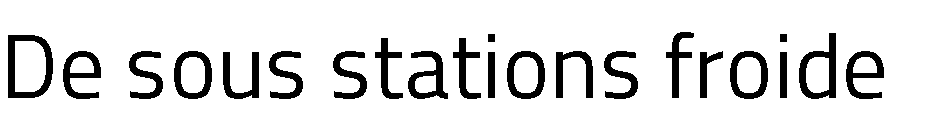
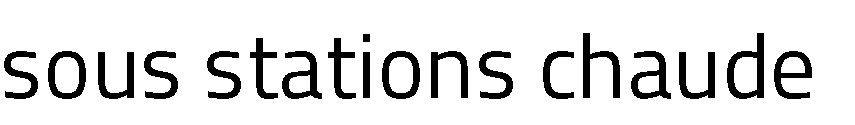
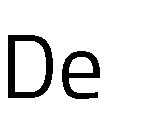
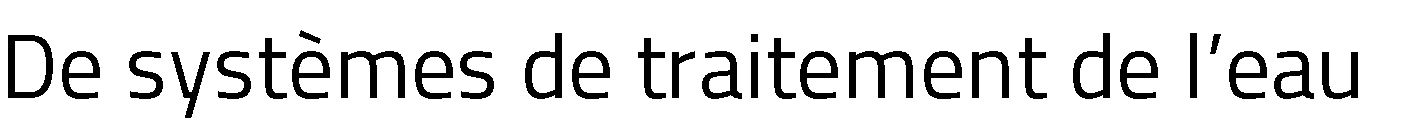
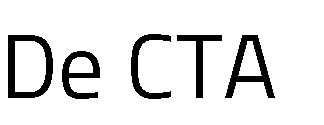
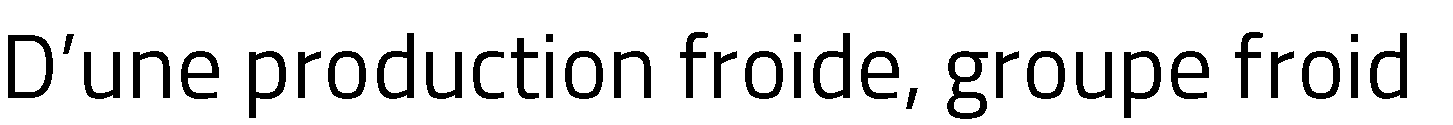
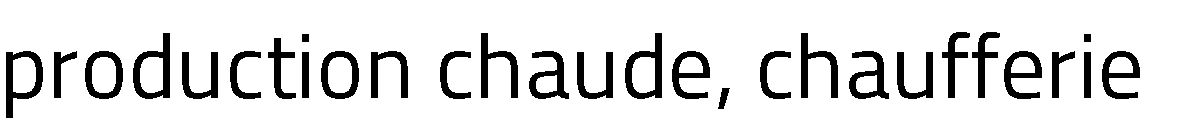
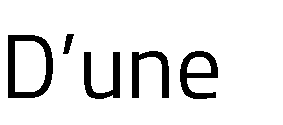
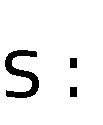
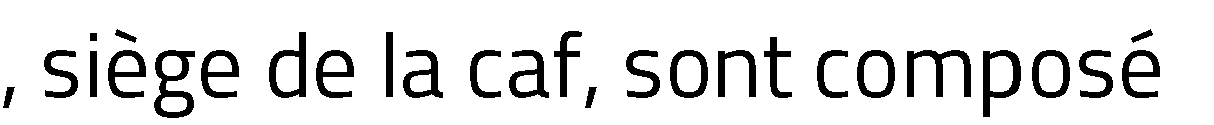
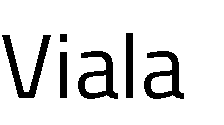
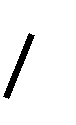
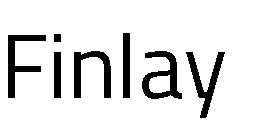
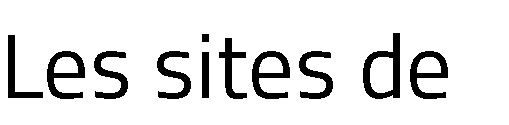




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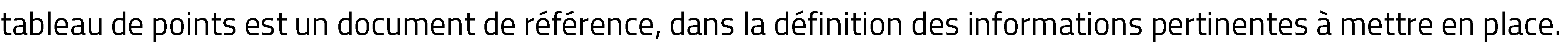
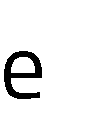
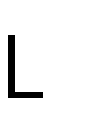
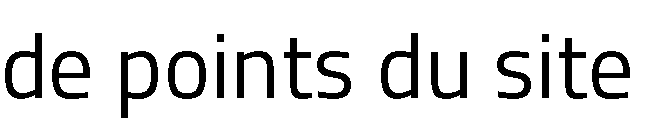
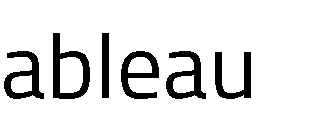
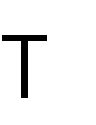
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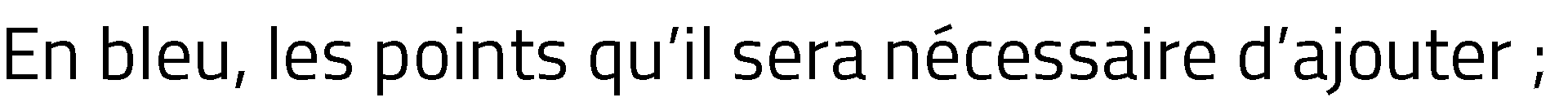
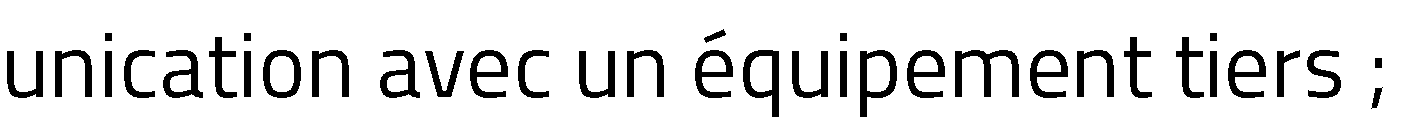
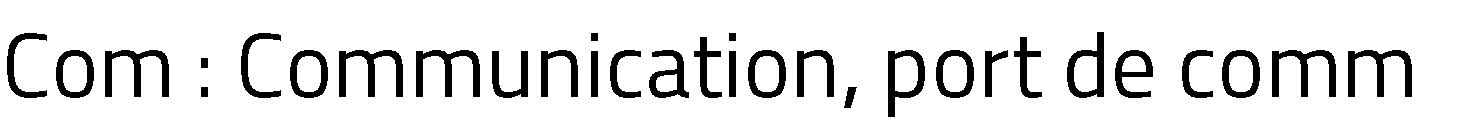
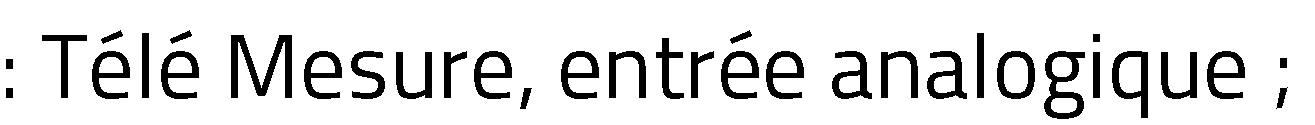
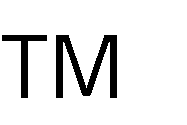
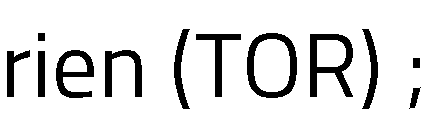
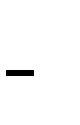
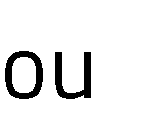
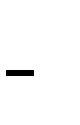
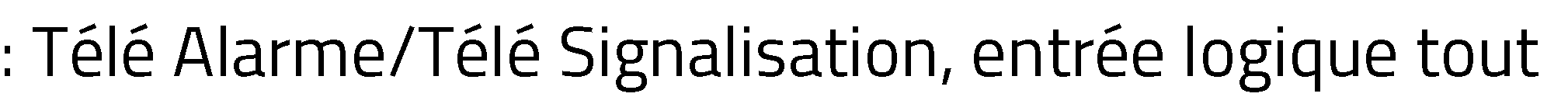
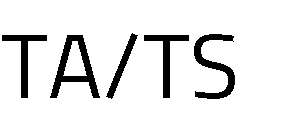
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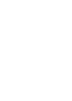
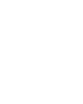
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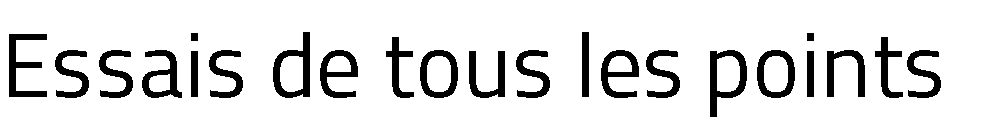
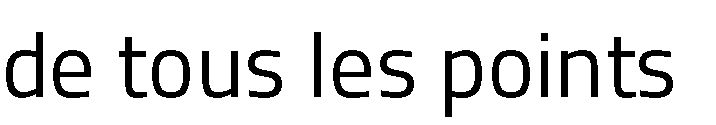
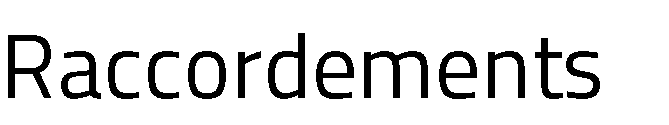
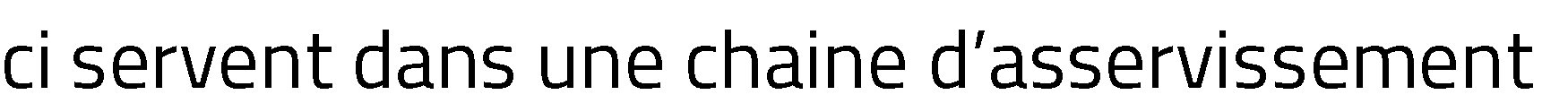
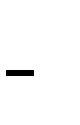
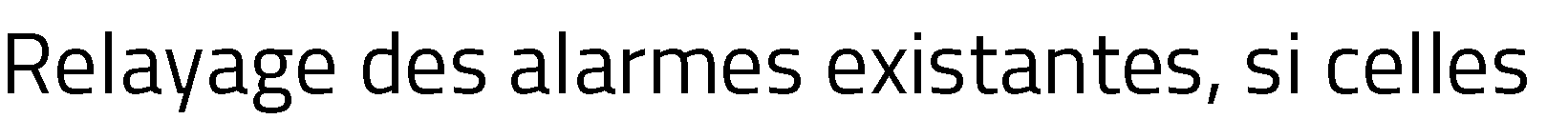
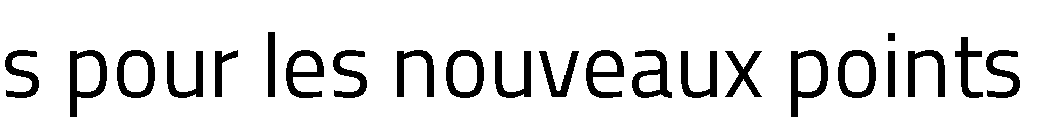
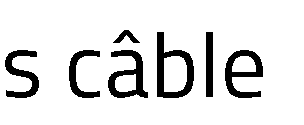
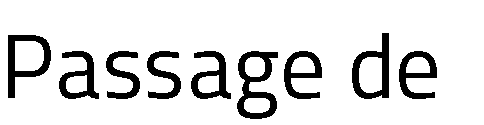
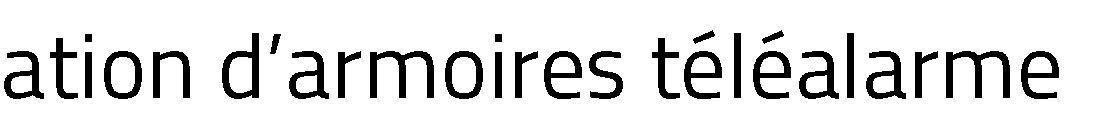
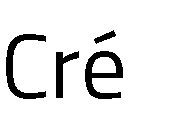
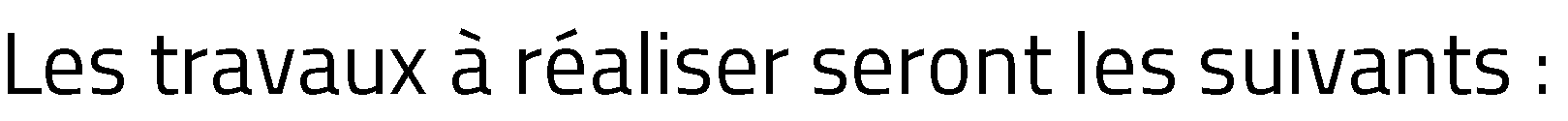
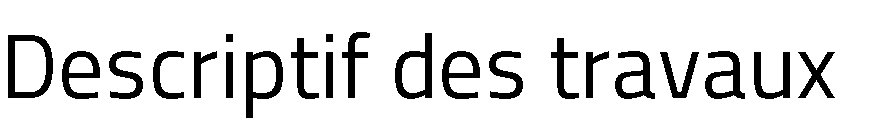
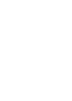
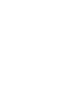
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| **Projet** | **Bâtiment** | **Niveau** | **Localisation** | **Domaine d’application** | **Equipement** | **Désignation du point** | **Armoire** | **Désignation du point** | **TA TS** | **TM** | **Com.** |
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| Option | Viala | [TER]  Terrasse | [TER] Terrasse | Incendie | CTA Bureaux Viala aile ouest | Pilotage/régulation | AEL11 | Détection incendie | 1 |  |  |
| Option | Viala | [TER]  Terrasse | Chaufferie | Incendie | CTA Bureaux Viala aile est esc V5 | Alarme technique | AEL12 | Détection incendie | 1 |  |  |
| Option | Finlay | [TER]  Terrasse | Faille | Incendie | CTA Bureaux Finlay aile ouest | Alarme technique | AEL04 | Détection incendie | 1 |  |  |
| Option | Finlay | [R+5] | Local technique CTA | Incendie | CTA Bureaux Finlay nord | Alarme technique | AEL09 | Détection incendie | 1 |  |  |
| Option | Finlay | [R-1] | Local technique CTA | Incendie | CTA Hall d’entrée | Alarme technique | AEL05 | Détection incendie | 1 |  |  |
| Option | Finlay | [R-1] | Imprimerie | Incendie | CTA Imprimerie | Alarme technique | AEL07 | Détection incendie | 1 |  |  |
| Option | Finlay | [R-1] | Reserve | Incendie | CTA Réserve | Alarme technique | AEL07 | Détection incendie | 1 |  |  |
| Option | Viala | [R+1] | Local technique CTA | Incendie | CTA Restaurant | Alarme technique | AEL10 | Détection incendie | 1 |  |  |
| Base | Viala | [R+1] | Local technique CTA | Traitement d’air | Extracteur machinerie ascenseur | Alarme technique | AEL10 | Détection extracteur | 1 |  |  |
| Base | Finlay | [R+0] | Local technique CTA | Incendie | CTA Conférence | Alarme technique | AEL06 | Détection incendie | 1 |  |  |
| Base | Finlay | [R+0] | Local technique CTA | Incendie | CTA Conseil-formation | Alarme technique | AEL08 | Détection incendie | 1 |  |  |
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| Base | Viala | [TER]  Terrasse | Chaufferie | Sécurité | Installation | Alarme technique | AEL02 | Défaut détection gaz | 1 |  |  |
| Base | Viala | [TER]  Terrasse | Chaufferie | Chauffage | Installation | Alarme technique | AEL02 | Défaut manque eau | 1 |  |  |
| Base | Viala | [TER]  Terrasse | Chaufferie | Chauffage | Installation | Alarme technique | AEL02 | Défaut maintien de pression | 1 |  |  |
| Base | Viala | [TER]  Terrasse | Chaufferie | Chauffage | Installation | Alarme technique | AEL02 | Défaut traitement d’eau | 1 |  |  |
| Base | Viala | [TER]  Terrasse | Chaufferie | Chauffage | Chaudière | Alarme technique | AEL02 | Défaut chaudière 3 | 1 |  |  |
| Base | Finlay | [TER]  Terrasse | Faille | Climatisation | Installation | Alarme technique | AEL 01 | Défaut manque eau | 1 |  |  |



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| Base | Finlay | [TER]  Terrasse | Faille | Climatisation | Installation | Alarme technique | AEL 01 | Défaut maintien de pression | 1 |  |  |
| Base | Finlay | [TER]  Terrasse | Faille | Climatisation | Installation | Alarme technique | AEL 01 | Défaut traitement d’eau | 1 |  |  |
| Base | Finlay | [TER]  Terrasse | Faille | Climatisation | Installation | Alarme technique | AEL 01 | Défaut maintien de pression | 1 |  |  |
| Base | Finlay | [TER]  Terrasse | [TER] Terrasse | Sécurité | Groupe froid || Carrier 30GX | Alarme technique | AEL 01 | Détection fréon | 1 |  |  |
| Base | Finlay | [TER]  Terrasse | [TER] Terrasse | Climatisation | Groupe froid || Carrier 30GX | Alarme technique | AEL 01 | Défaut groupe | 1 |  |  |
| Base | Finlay | [R-1] | Sous station Finlay | Chauffage | Installation | Alarme technique | AEL03 | Défaut manque eau chaude | 1 |  |  |
| Base | Finlay | [R-1] | Sous station Finlay | Rafraîchissement | Installation | Alarme technique | AEL03 | Défaut manque eau froide | 1 |  |  |
| Base | Viala | [R+1] | Machinerie ascenseur | Sécurité | Installation | Alarme technique | AEL10 | Défaut température haute | 1 |  |  |
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| Base | Viala | [R+7] | Local informatique | Rafraîchissement | Défaut climatiseur 1 || Mitsubishi électric PSA-RP125KA | Alarme technique |  | Défaut | 1 |  |  |
| Base | Viala | [R+7] | Local informatique | Rafraîchissement | Défaut climatiseur 2 || Mitsubishi électric PSA-RP125KA | Alarme technique |  | Défaut | 1 |  |  |
| Base | Viala | [R+7] | Local informatique | Rafraîchissement | Défaut climatiseur 3 || Mitsubishi électric PSA-RP125KA | Mesure |  | Défaut | 1 |  |  |
| Base | Viala | [R+7] | Local informatique | Rafraîchissement | Local informatique | Mesure |  | Température ambiante gauche |  | 1 |  |
| Base | Viala | [R+7] | Local informatique | Rafraîchissement | Local informatique | Alarme technique |  | Température ambiante droite |  | 1 |  |
| Base | Viala | [R+7] | Local informatique | Electricité | AEL Salle informatique | Alarme technique |  | Défaut | 1 |  |  |
| Base | Viala | [R+5] | Baie de brassage | Electricité | AEL Baie de brassage | Alarme technique |  | Défaut climatiseur | 1 |  |  |
| Base | Viala | [R+5] | Baie de brassage | Electricité | Local | Mesure |  | Température ambiante |  | 1 |  |
| Base | Viala | [R+3] | Baie de brassage | Electricité | AEL Baie de brassage | Alarme technique |  | Défaut climatiseur | 1 |  |  |
| Base | Viala | [R+3] | Baie de brassage | Electricité | Local | Mesure |  | Température ambiante |  | 1 |  |
| Base | Finlay | [R+3] | Baie de brassage | Electricité | AEL Baie de brassage | Alarme technique |  | Défaut climatiseur | 1 |  |  |
| Base | Finlay | [R+3] | Baie de brassage | Electricité | Local | Mesure |  | Température ambiante |  | 1 |  |
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| Base | Finlay | [R-1] | Local onduleur 100 kVA | Electricité | Onduleur | Alarme technique |  | Défaut onduleur | 1 |  |  |
| Base | Finlay | [R-1] | Local onduleur 100 kVA | Electricité | Local | Mesure |  | Température ambiante |  | 1 |  |
| Base | Finlay | [R-1] | Local onduleur 300 kVA | Electricité | Onduleur | Alarme technique |  | Défaut onduleur | 1 |  |  |
| Base | Finlay | [R-1] | Local onduleur 300 kVA | Electricité | Local | Mesure |  | Température ambiante |  | 1 |  |
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| Base | Finlay | [R-1] | Zone restaurant | Rafraîchissement | Chambre froide BOF || MasterCella MD33 | Alarme technique |  | Défaut température | 1 |  |  |



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| Base | Finlay | [R-1] | Zone restaurant | Rafraîchissement | Chambre froide produits surgelés || MasterCella MD33 | Alarme technique |  | Défaut température | 1 |  |  |
| Base | Finlay | [R-1] | Zone restaurant | Rafraîchissement | Chambre froide fruits et légumes || MasterCella MD33 | Alarme technique |  | Défaut température | 1 |  |  |
| Base | Finlay | [R-1] | Zone restaurant | Rafraîchissement | Chambre froide viandes || MasterCella MD33 | Alarme technique |  | Défaut température | 1 |  |  |
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| Base | Finlay | [R-1] | Poste de transformation | Electricité | PASA | Alarme technique |  | Défaut anomalie batterie | 1 |  |  |
| Base | Finlay | [R-1] | Poste de transformation | Electricité | Installation | Mesure |  | Température ambiante |  | 1 |  |
| Base | Viala | [R-1] | Local TGBT | Electricité | TGSV | Alarme technique |  | Défaut contrôleur isolement | 1 |  |  |
| Base | Finlay | [R-1] | Local TGBT | Electricité | TGSF | Alarme technique |  | Défaut contrôleur isolement | 1 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
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| Base | Finlay | [R-1] | Local relevage | Traitement d’eau | Détecteur inondation | Alarme technique |  | Défaut inondation | 1 |  |  |
| Base | Finlay | [R-1] | Local relevage | Traitement d'eau | Coffret relevage | Alarme technique |  | Défaut niveau eau | 1 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Base | Finlay | [R-3] | Parking | Traitement d'eau | Coffret fosse de relevage | Alarme technique |  | Défaut pompe | 1 |  |  |
| Base | Finlay | [R-3] | Parking | Traitement d'eau | Coffret fosse de relevage | Alarme technique |  | Défaut coffret | 1 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Base | Finlay | [R-1] | Local surpresseur | Traitement d'eau | Pompe 1 | Alarme technique |  | Défaut pompe | 1 |  |  |
| Base | Finlay | [R-1] | Local surpresseur | Traitement d'eau | Pompe 2 | Alarme technique |  | Défaut pompe | 1 |  |  |
| Base | Finlay | [R-1] | Local surpresseur | Traitement d'eau | Pompe 3 | Alarme technique |  | Défaut pompe | 1 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Base | Finlay |  |  | Alarme ascenseur | F1 | Alarme technique |  | Défaut ascenseur |  |  | 1 |
| Base | Finlay |  |  | Alarme ascenseur | F2 | Alarme technique |  | Défaut ascenseur |  |  | 1 |
| Base | Finlay |  |  | Alarme ascenseur | F3 | Alarme technique |  | Défaut ascenseur |  |  | 1 |
| Base | Finlay |  |  | Alarme ascenseur | EPMR F8 | Alarme technique |  | Défaut ascenseur |  |  | 1 |
| Base | Finlay |  |  | Alarme ascenseur | EPMR F9 | Alarme technique |  | Défaut ascenseur |  |  | 1 |
| Base | Viala |  |  | Alarme ascenseur | V2 | Alarme technique |  | Défaut ascenseur |  |  | 1 |
| Base | Viala |  |  | Alarme ascenseur | V3 | Alarme technique |  | Défaut ascenseur |  |  | 1 |
| Base | Viala |  |  | Alarme ascenseur | V4 | Alarme technique |  | Défaut ascenseur |  |  | 1 |
| Base | Viala |  |  | Alarme ascenseur | V6 | Alarme technique |  | Défaut ascenseur |  |  | 1 |
| Base | Viala |  |  | Alarme ascenseur | EPMR | Alarme technique |  | Défaut ascenseur |  |  | 1 |
| Base | Viala/Finlay |  |  | Alarme ascenseur | Quai de livraison | Alarme technique |  | Défaut ascenseur |  |  | 1 |
| Base | Viala/Finlay |  |  | Alarme ascenseur | Plateforme menuiserie | Alarme technique |  | Défaut ascenseur |  |  | 1 |
| Base |  |  |  | Alarme ascenseur | Annexe 44 | Alarme technique |  | Défaut ascenseur |  |  | 1 |



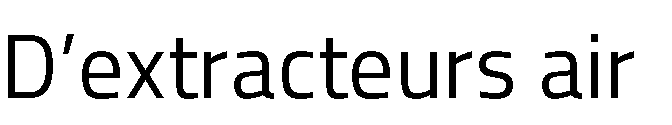
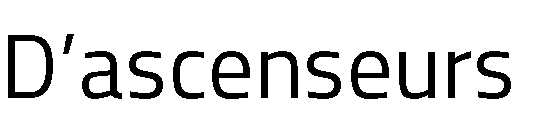
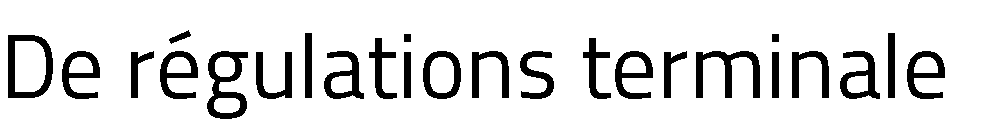
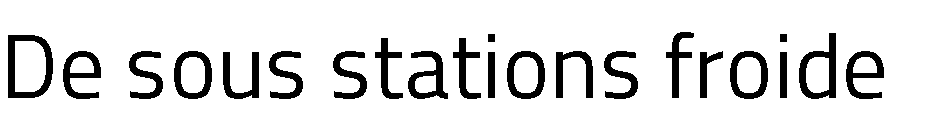
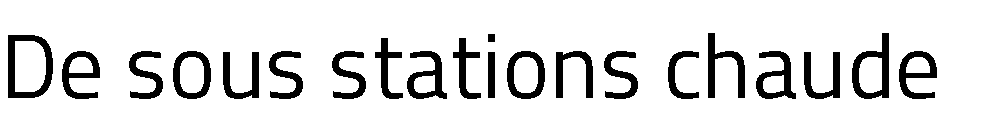
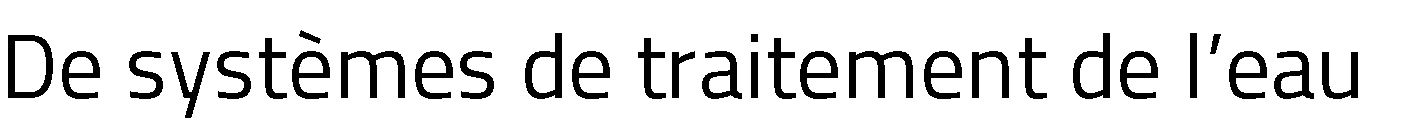
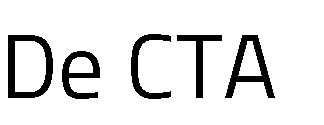
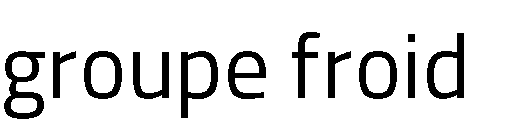
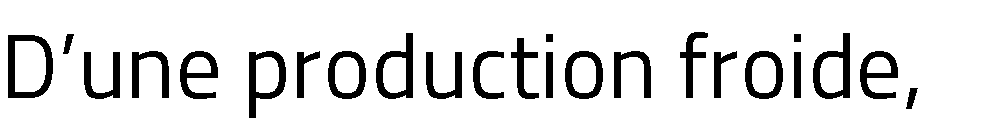
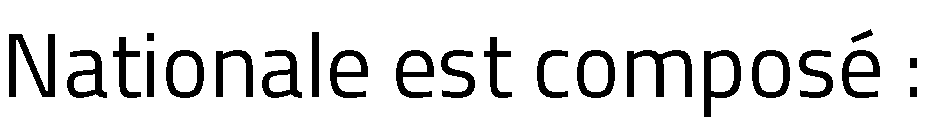
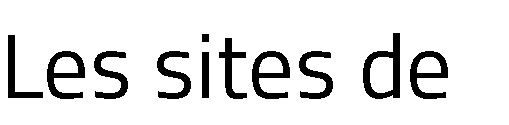
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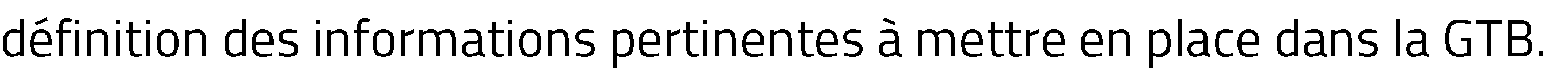
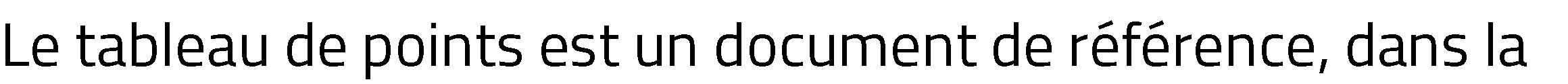
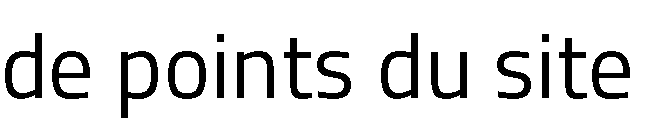
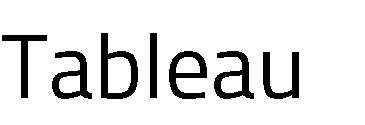
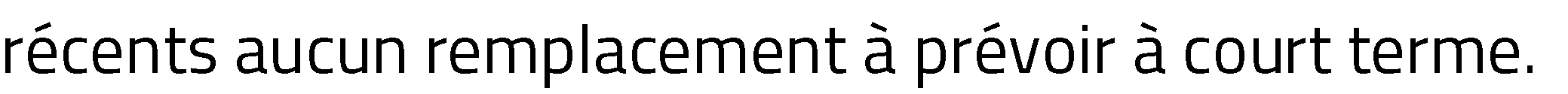
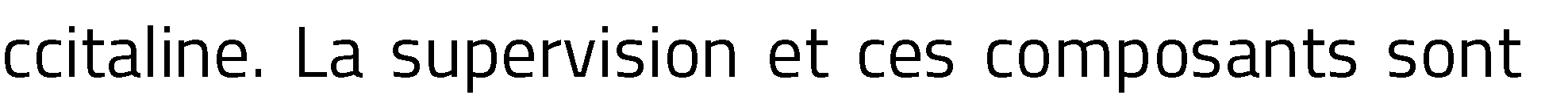
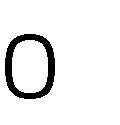
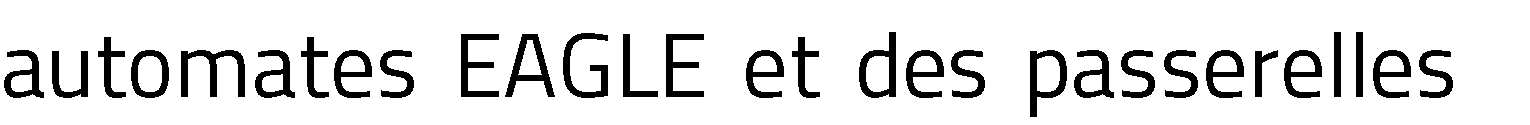
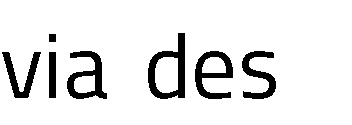
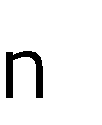
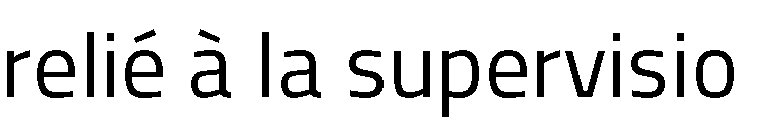
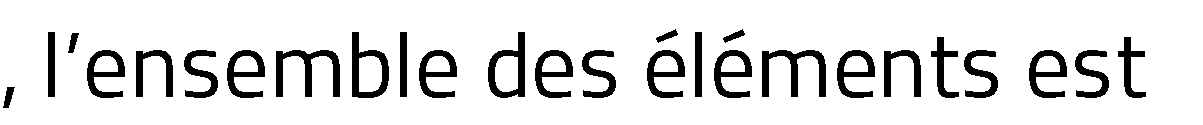
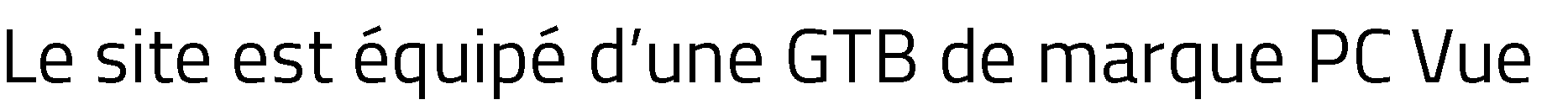
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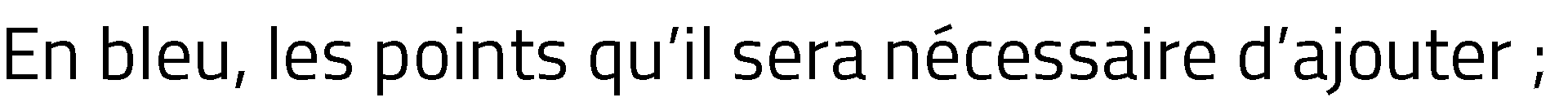
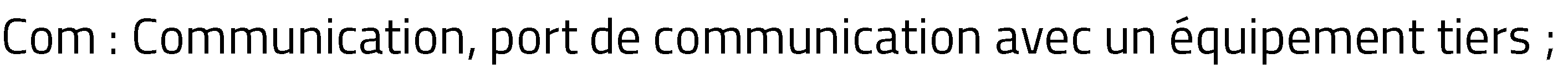
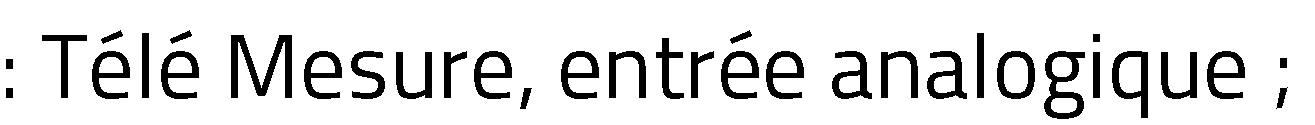
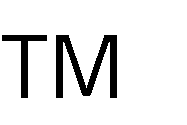
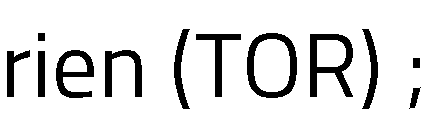
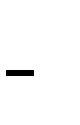
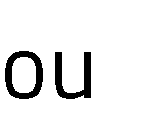
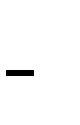
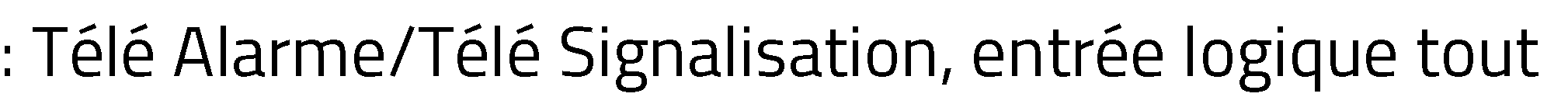
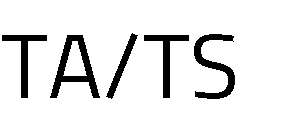
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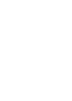
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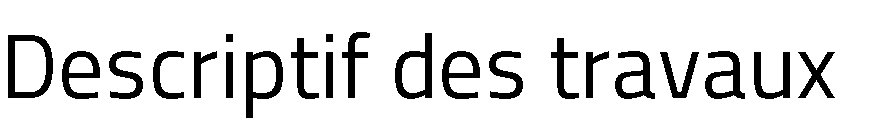
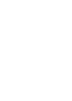
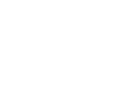
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| **Projet** | **Bâtiment** | **Niveau** | **Localisation** | **Domaine d'application** | **Equipement** | **Désignation du point** | **Armoire** | **Désignation du point** | **TA TS** | **TM** |
| Base | Nationale | [R+0] | Baie de brassage | Rafraîchissement | Baie de brassage | Alarme technique |  | Défaut unité intérieure | 1 |  |
| Base | Nationale | [R+1] | Baie de brassage | Rafraîchissement | Baie de brassage | Alarme technique |  | Défaut unité intérieure | 1 |  |
| Base | Nationale | [R+2] | Baie de brassage | Rafraîchissement | Baie de brassage | Alarme technique |  | Défaut unité intérieure | 1 |  |
| Base | Nationale | [R+3] | Baie de brassage | Rafraîchissement | Baie de brassage | Alarme technique |  | Défaut unité intérieure | 1 |  |
| Base | Nationale | [R+4] | Baie de brassage | Rafraîchissement | Baie de brassage | Alarme technique |  | Défaut unité intérieure | 1 |  |
| Base | Nationale | [R+5] | Baie de brassage | Rafraîchissement | Baie de brassage | Alarme technique |  | Défaut unité intérieure | 1 |  |
| Base | Nationale | [R+5] | Baie de brassage | Rafraîchissement | Baie de brassage | Alarme technique |  | Défaut unité intérieure | 1 |  |
| Base | Nationale | [R+5] | Baie de brassage | Rafraîchissement | Baie de brassage | Alarme technique |  | Défaut unité intérieure | 1 |  |
| Base | Nationale | [R+5] | Baie de brassage | Rafraîchissement | Baie de brassage | Alarme technique |  | Défaut unité intérieure | 1 |  |
| Base | Nationale | [R+6] | Baie de brassage | Rafraîchissement | Baie de brassage | Alarme technique |  | Défaut unité intérieure | 1 |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Base | Nationale | [R+8] | Local technique CTA | Traitement d'air | CTA Hall d'entrée | Alarme technique | // | Détection incendie | 1 |  |
| Base | Nationale | [R-1] | Local technique CTA | Traitement d'air | CTA Restaurant | Alarme technique | AEL CTA TOIT | Détection incendie | 1 |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Base | Nationale | [R-1] | Chaufferie | Chauffage | Installation | Alarme technique |  | Défaut manque eau chaude | 1 |  |
| Base | Nationale | [TER]  Terrasse | Local technique CTA | Climatisation | Installation | Alarme technique |  | Défaut manque eau froide | 1 |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Base | Nationale | [R-1] | Poste de transformation | Electricité | Poste Haute tension | Alarme technique |  | Défaut PASA | 1 |  |
| Base | Nationale | [R-1] | Poste de transformation | Electricité | Poste Haute tension | Alarme technique |  | Défaut présence tension EDF | 1 |  |
| Base | Nationale | [R-1] | Poste de transformation | Electricité | Poste Haute tension | Alarme technique |  | Température ambiante |  | 1 |
| Base | Nationale | [R-1] | Poste de transformation | Electricité | Extracteur | Alarme technique |  | Défaut | 1 |  |

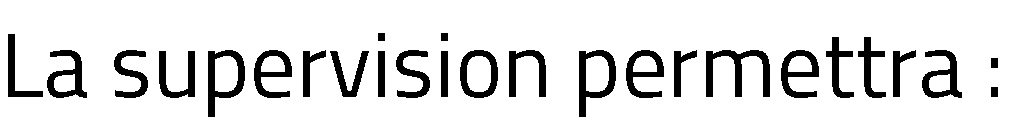


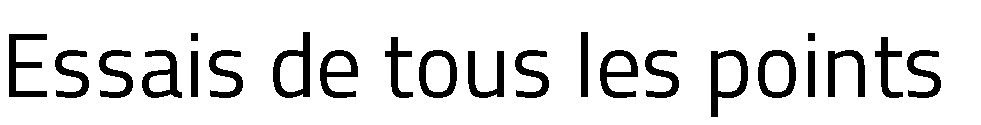
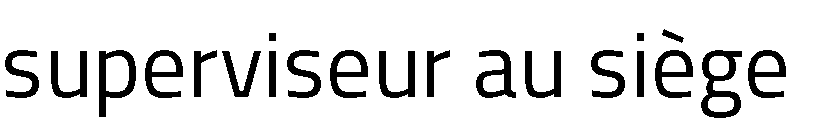
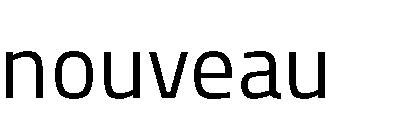
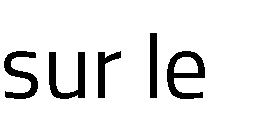
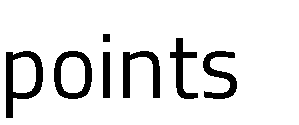
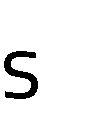
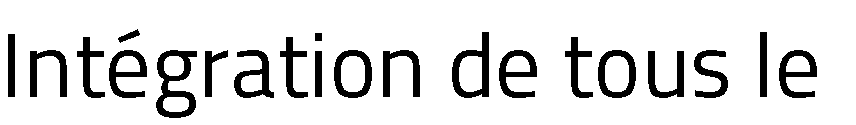
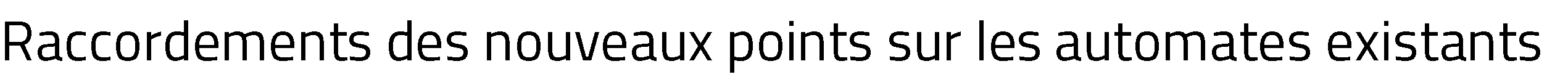
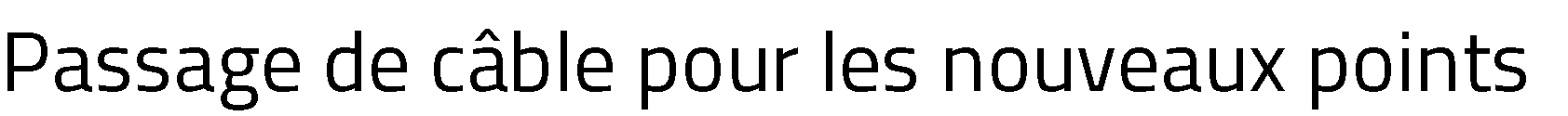
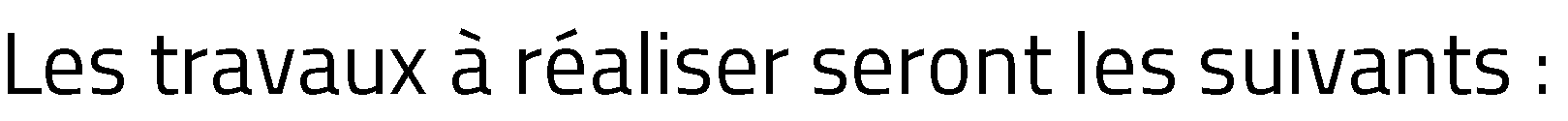
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| Base | Nationale | [R+0] | TD | Electricité | Interrupteur général | Alarme technique |  | Défaut interrupteur général | 1 |  |
| Base | Nationale | [R+1] | TD | Electricité | Interrupteur général | Alarme technique |  | Défaut interrupteur général | 1 |  |
| Base | Nationale | [R+2] | TD | Electricité | Interrupteur général | Alarme technique |  | Défaut interrupteur général | 1 |  |
| Base | Nationale | [R+3] | TD | Electricité | Interrupteur général | Alarme technique |  | Défaut interrupteur général | 1 |  |
| Base | Nationale | [R+4] | TD | Electricité | Interrupteur général | Alarme technique |  | Défaut interrupteur général | 1 |  |
| Base | Nationale | [R+5] | TD | Electricité | Interrupteur général | Alarme technique |  | Défaut interrupteur général | 1 |  |
| Base | Nationale | [R+6] | TD | Electricité | Interrupteur général | Alarme technique |  | Défaut interrupteur général | 1 |  |
| Base | Nationale | [R+7] | TD | Electricité | Interrupteur général | Alarme technique |  | Défaut interrupteur général | 1 |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Base | Nationale | [R+0] | TD | Sécurité | Centrale intrusion | Alarme technique |  | Défaut centrale intrusion | 1 |  |
| Base | Nationale | [R+0] | TD | Sécurité | Centrale intrusion | Alarme technique |  | Alarme centrale intrusion Z01 | 1 |  |
| Base | Nationale | [R+0] | TD | Sécurité | Centrale intrusion | Alarme technique |  | Alarme centrale intrusion Z02 | 1 |  |
| Base | Nationale | [R+0] | TD | Sécurité | Centrale intrusion | Alarme technique |  | Alarme centrale intrusion Z03 | 1 |  |
| Base | Nationale | [R+0] | TD | Sécurité | Centrale intrusion | Alarme technique |  | Alarme centrale intrusion Z04 | 1 |  |
| Base | Nationale | [R+0] | TD | Sécurité | SSI | Alarme technique |  | Alarme général SSI | 1 |  |
| Base | Nationale | [R+0] | TD | Sécurité | SSI | Alarme technique |  | Dérangement SSI | 1 |  |
| Base | Nationale | [R+0] | TD ERP | Electricité | Interrupteur général | Alarme technique |  | Défaut interrupteur général | 1 |  |
| Base | Nationale | [R+5] | TD INFO | Electricité | Disjoncteur général | Alarme technique |  | Défaut disjoncteur général normal | 1 |  |
| Base | Nationale | [R+5] | TD INFO | Electricité | Disjoncteur général | Alarme technique |  | Défaut disjoncteur général ondulé | 1 |  |
| Base | Nationale | [R+5] | TD INFO | Electricité | Onduleur | Alarme technique |  | Défaut réseau d'entrée onduleur | 1 |  |
| Base | Nationale | [R+5] | TD INFO | Electricité | Onduleur | Alarme technique |  | Défaut batterie onduleur | 1 |  |
| Base | Nationale | [R+5] | TD INFO | Electricité | Onduleur | Alarme technique |  | Défaut sortie onduleur | 1 |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Base | Nationale | [R-1] | TGBT | Electricité | TGBT | Alarme technique | TGBT | Défaut départ disjoncteur Force Cuisine | 1 |  |
| Base | Nationale | [R-1] | TGBT | Electricité | TGBT | Alarme technique | TGBT | Défaut départ disjoncteur Onduleur | 1 |  |
| Base | Nationale | [R-1] | TGBT | Electricité | TGBT | Alarme technique | TGBT | Défaut interrupteur général | 1 |  |
| Base | Nationale | [R-1] | TGBT | Electricité | TGBT | Alarme technique | TGBT | Défaut départ disjoncteur TD ERP | 1 |  |



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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Base | Nationale | [R-1] | TGBT | Electricité | TGBT | Alarme technique | TGBT | Défaut départ disjoncteur TD RDC PCS | 1 |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Base | Nationale | [R-1] | TGBT | Sécurité | Installation | Alarme technique |  | Détection eau | 1 |  |
| Base | Nationale | [TER]  Terrasse | Local technique CTA | Sécurité | Installation | Alarme technique |  | Détection eau | 1 |  |
| Base | Nationale | [R-1] | EF générale | Sécurité | Installation | Alarme technique |  | Détecttion eau | 1 |  |
| Base | Nationale | [R-1] | EF générale | Alarme | Compteur eau froide | Alarme technique |  | Défaut consommation eau élevée | 1 |  |
| Base | Nationale | [TER]  Terrasse | [TER] Terrasse | Alarme | VRV | Alarme technique |  | Défaut VRV extérieur | 1 |  |
| Base | Nationale | [R+0] | Baie de brassage | Alarme | Local | Alarme technique |  | Température ambiante |  | 1 |
| Base | Nationale | [R+1] | Baie de brassage | Alarme | Local | Alarme technique |  | Température ambiante |  | 1 |
| Base | Nationale | [R+2] | Baie de brassage | Alarme | Local | Alarme technique |  | Température ambiante |  | 1 |
| Base | Nationale | [R+3] | Baie de brassage | Alarme | Local | Alarme technique |  | Température ambiante |  | 1 |
| Base | Nationale | [R+4] | Baie de brassage | Alarme | Local | Alarme technique |  | Température ambiante |  | 1 |
| Base | Nationale | [R+5] | Baie de brassage | Alarme | Local | Alarme technique |  | Température ambiante |  | 1 |
| Base | Nationale | [R+5] | Local informatique | Alarme | Local | Alarme technique |  | Température ambiante |  | 1 |
| Base | Nationale | [R+6] | Baie de brassage | Alarme | Local | Alarme technique |  | Température ambiante |  | 1 |
| Base | Nationale | [R+0] | Restauration | Alarme | Chambre froide positive 1 | Alarme technique |  | Température élevée | 1 |  |
| Base | Nationale | [R+0] | Restauration | Alarme | Chambre froide positive 2 | Alarme technique |  | Température élevée | 1 |  |
| Base | Nationale | [R+0] | Restauration | Alarme | Chambre froide négative 1 | Alarme technique |  | Température élevée | 1 |  |
| Base | Nationale | [R+0] | Restauration | Alarme | Chambre froide négative 2 | Alarme technique |  | Température élevée | 1 |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Base | Nationale |  |  | Alarme ascenseur | Ascenseur gauche | Alarme technique |  | Défaut ascenseur | 1 |  |
| Base | Nationale |  |  | Alarme ascenseur | Ascenseur Milieu | Alarme technique |  | Défaut ascenseur | 1 |  |
| Base | Nationale |  |  | Alarme ascenseur | Ascenseur droit | Alarme technique |  | Défaut ascenseur | 1 |  |
| Option | Nationale | [R+8] |  | Alarme ascenseur | Local ascenseur | Alarme technique |  | Défaut température |  | 1 |





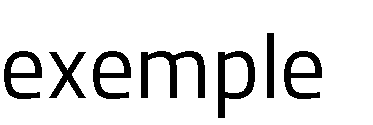
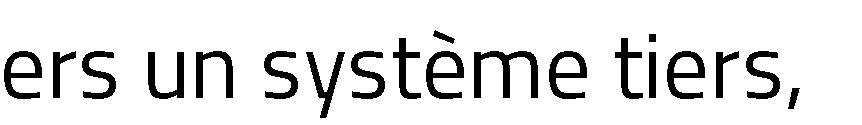
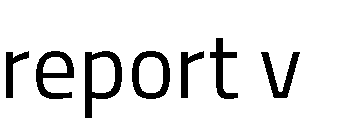
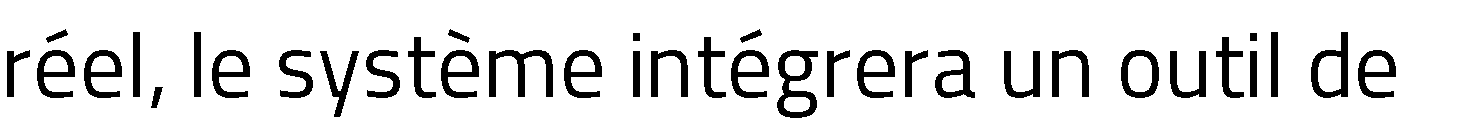
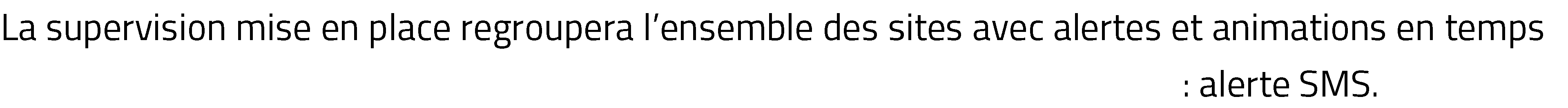


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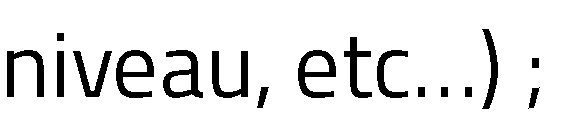
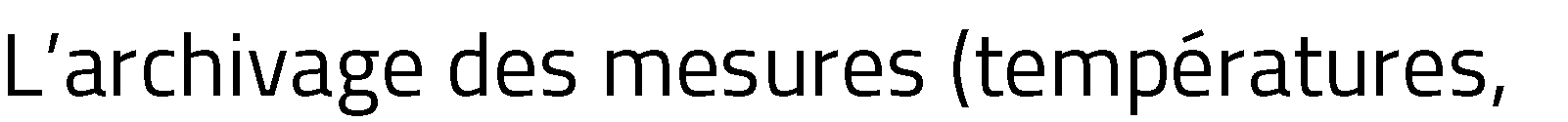
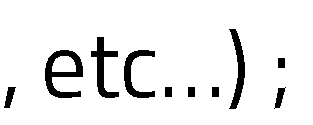
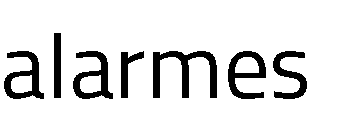
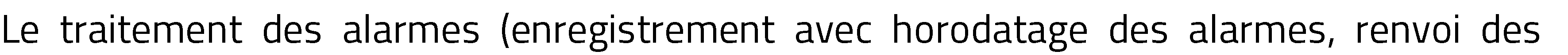
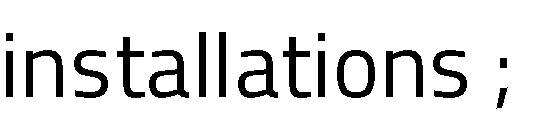
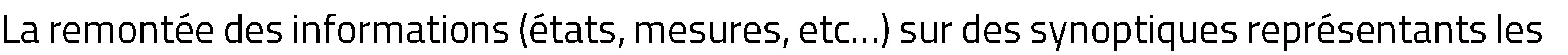
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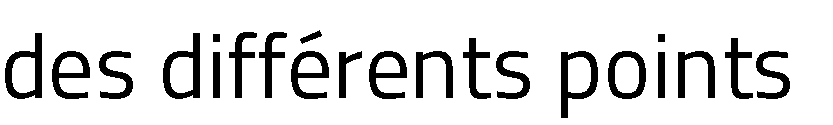
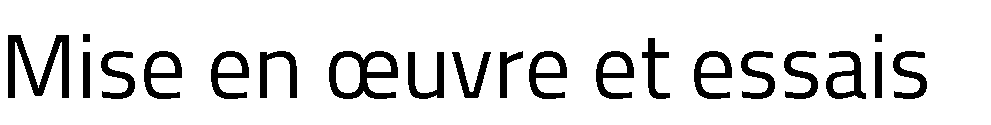
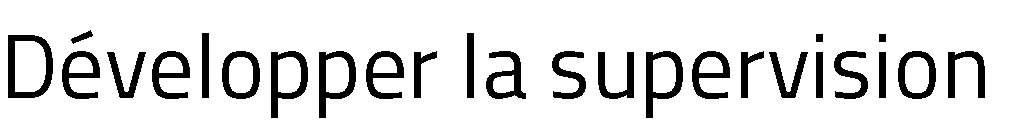
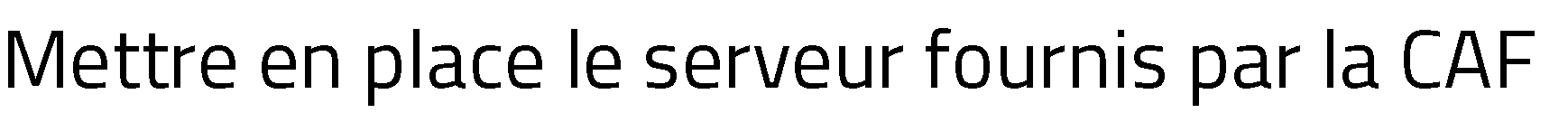
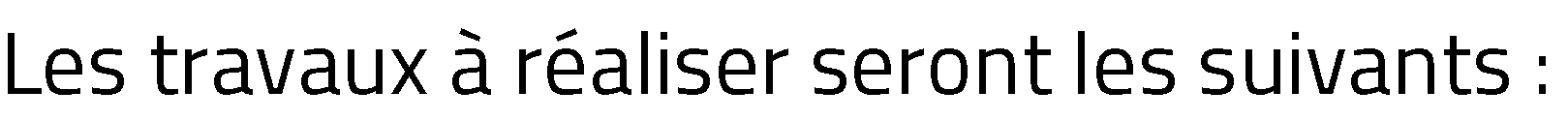
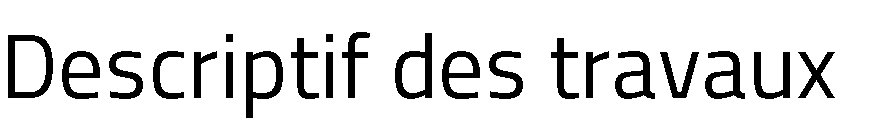
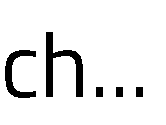
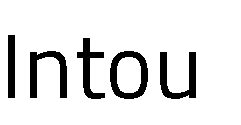
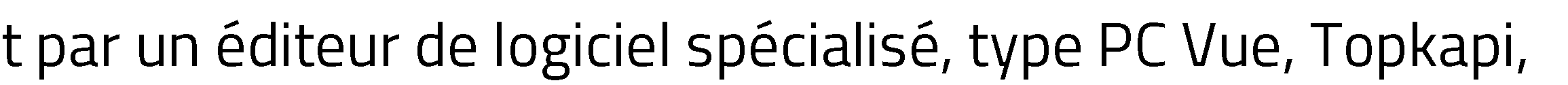
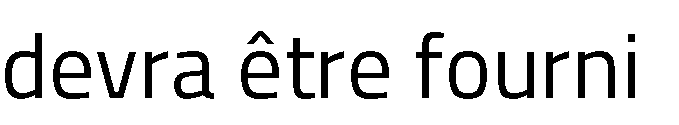
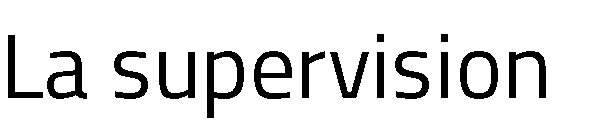
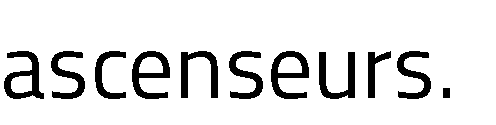
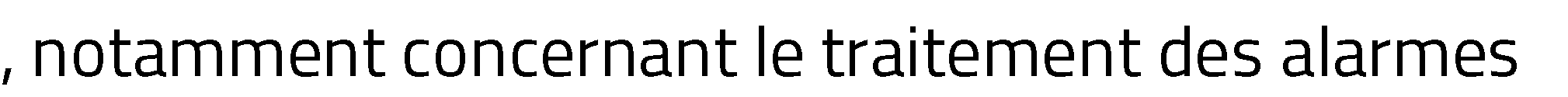
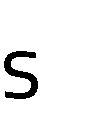
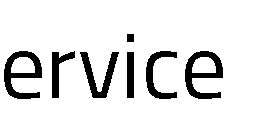
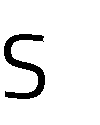
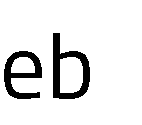
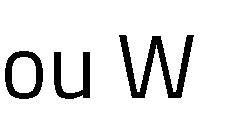
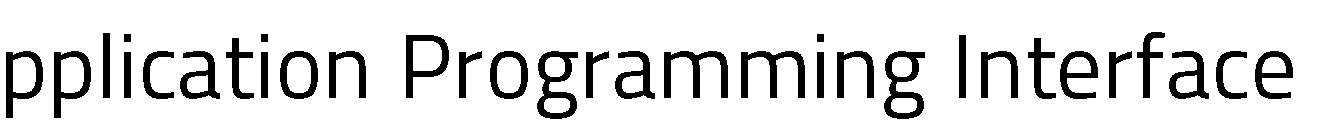
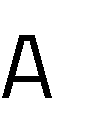
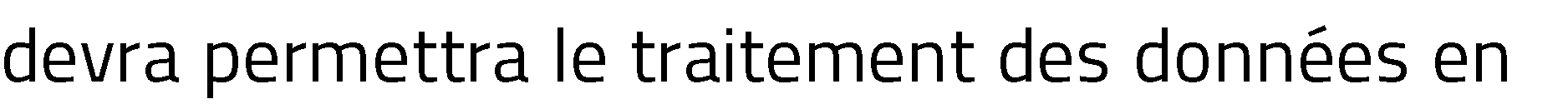
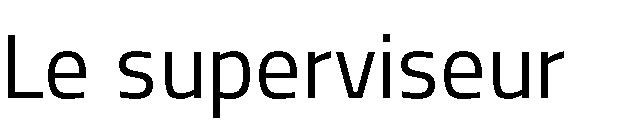
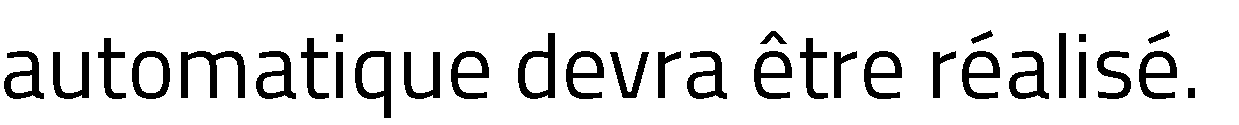
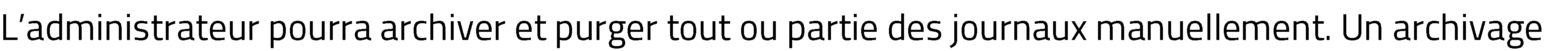
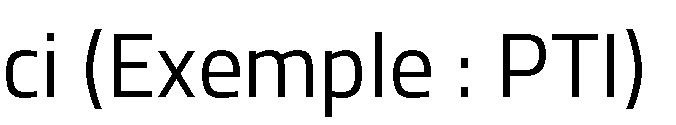
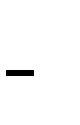
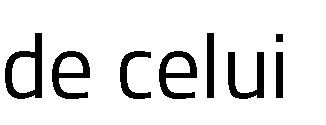
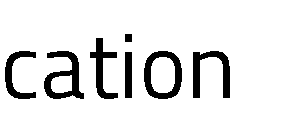
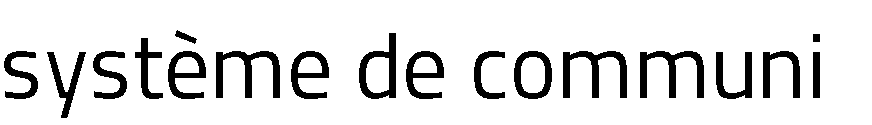
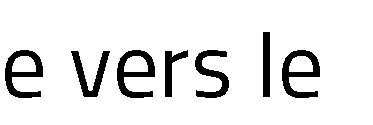
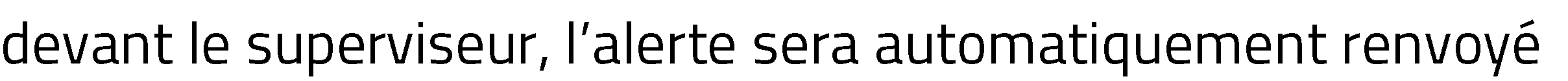
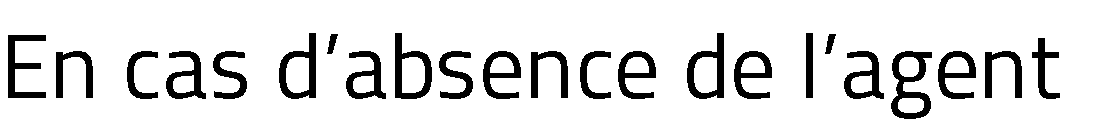
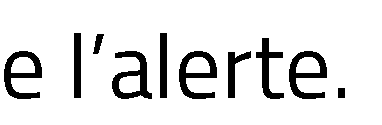
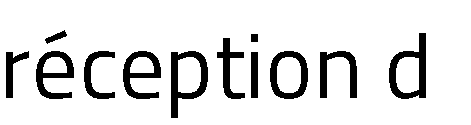
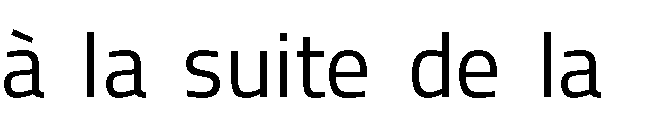
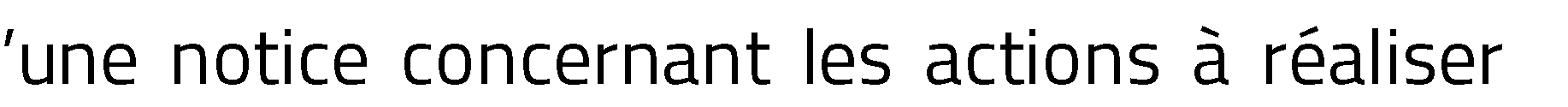
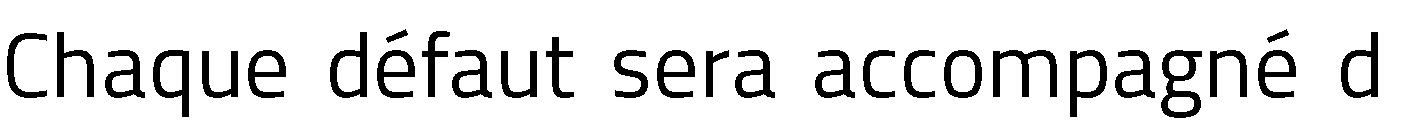
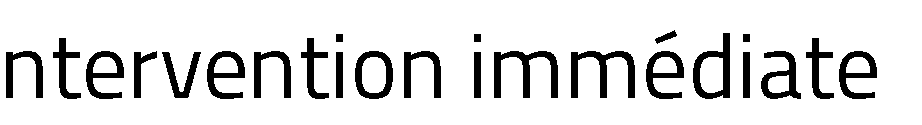
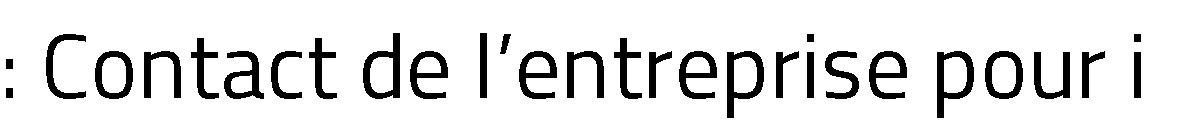
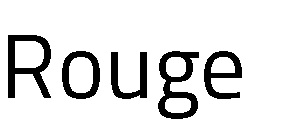
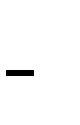
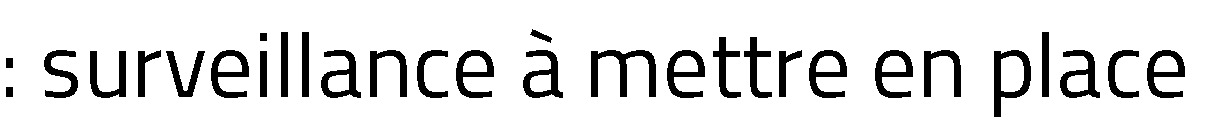
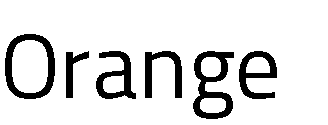
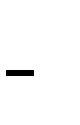
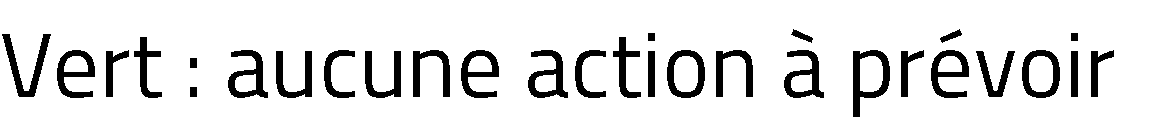
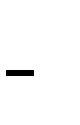
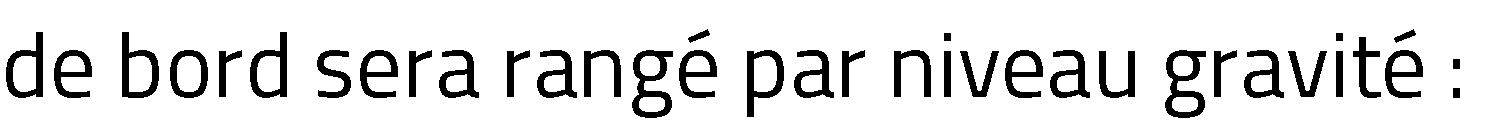
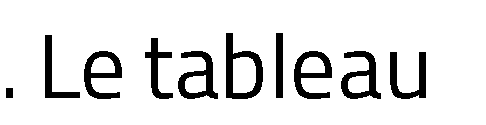
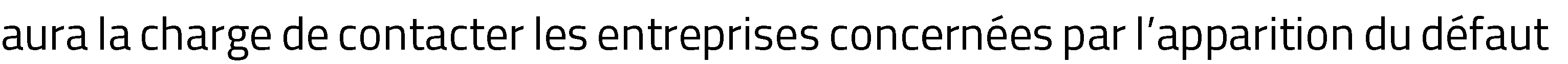
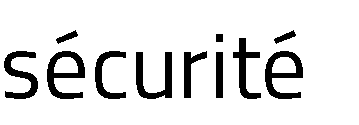
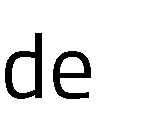
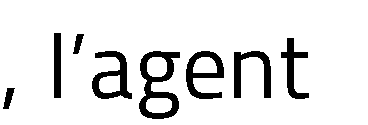
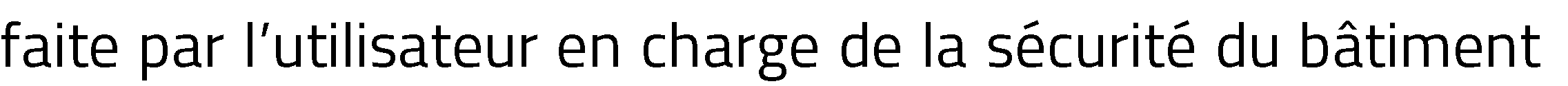
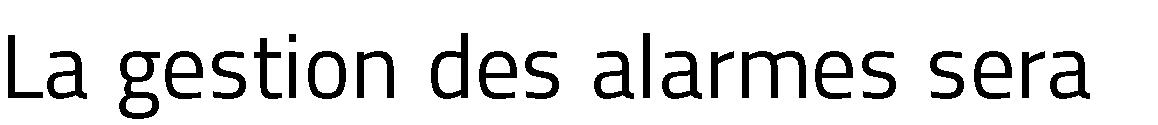
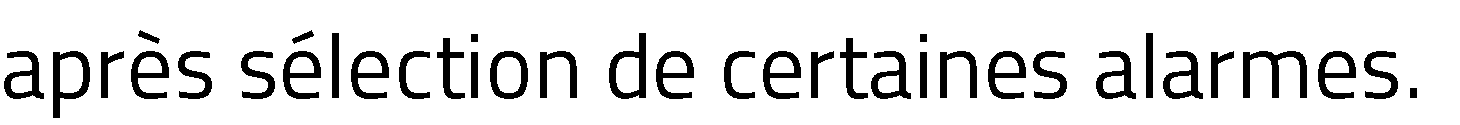
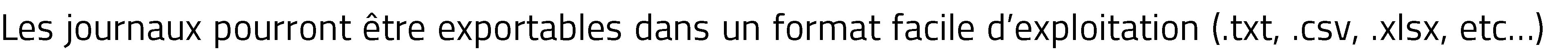
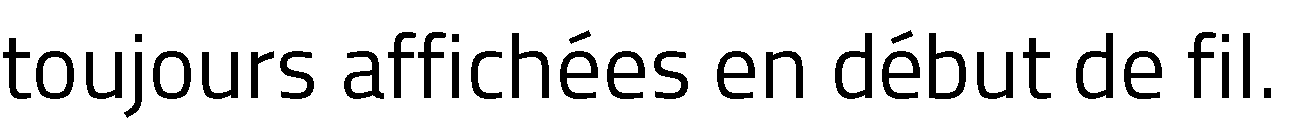
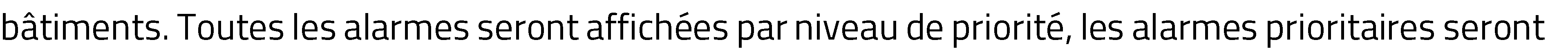
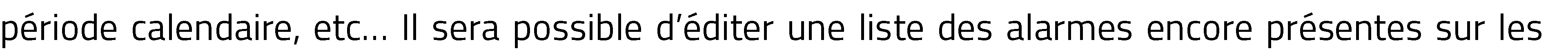
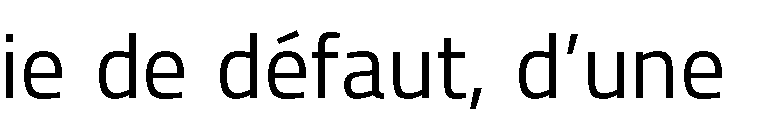
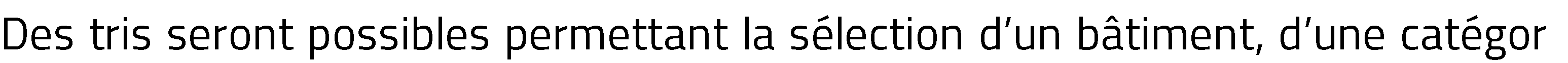
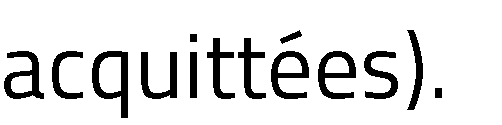
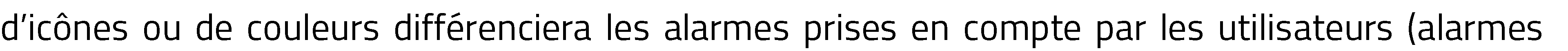
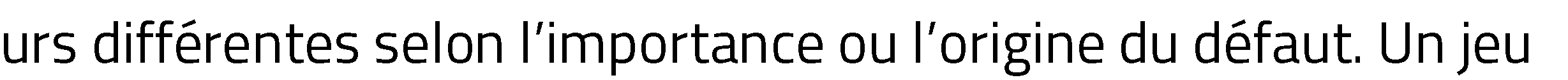
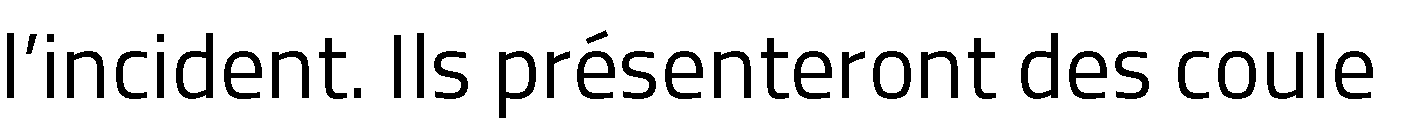
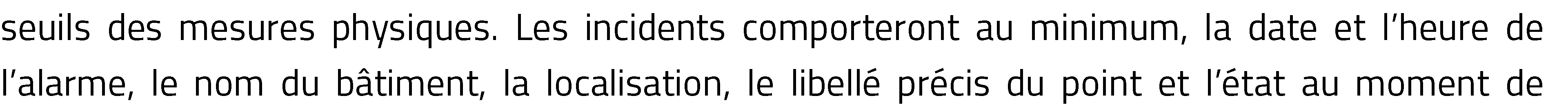
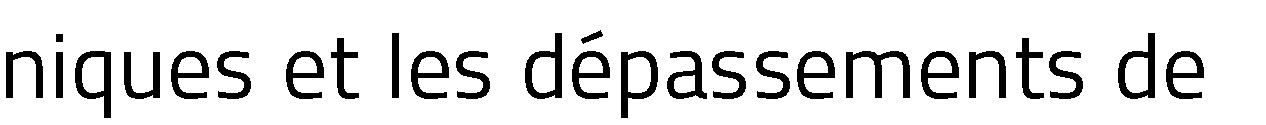
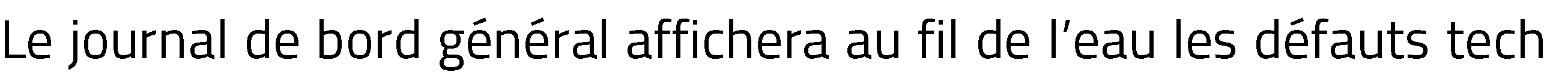
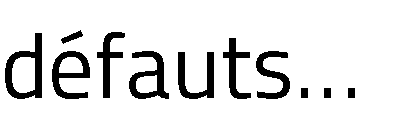
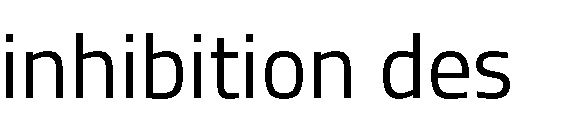
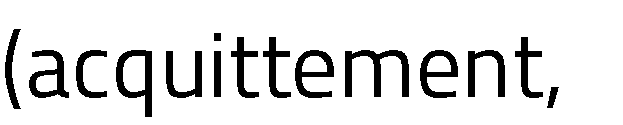
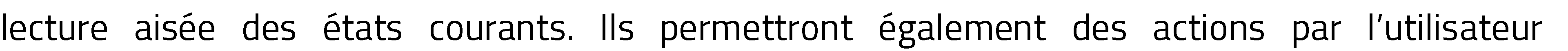
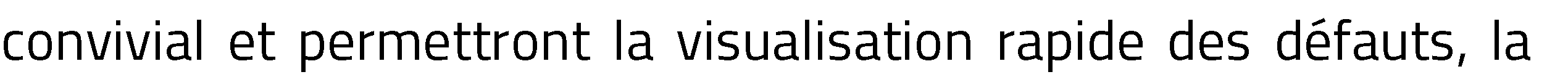
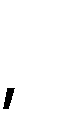
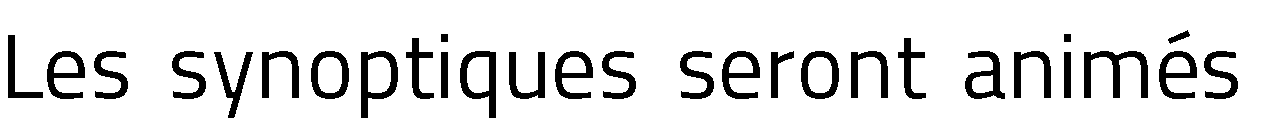
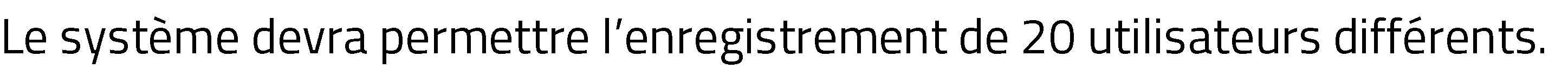
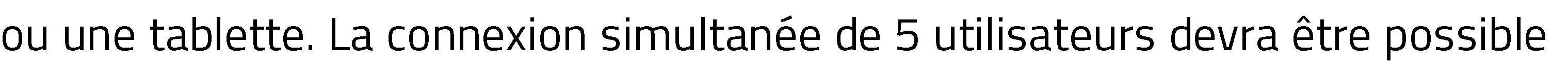
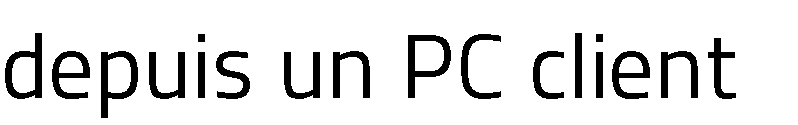
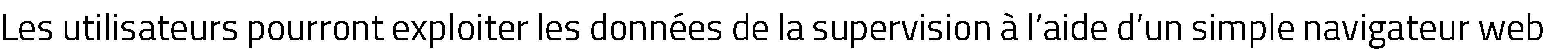


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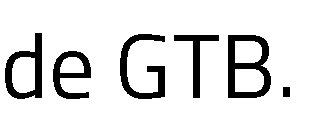
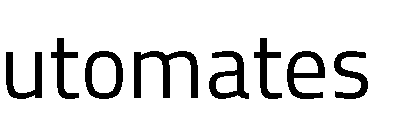
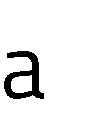
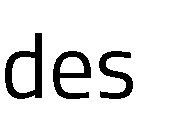
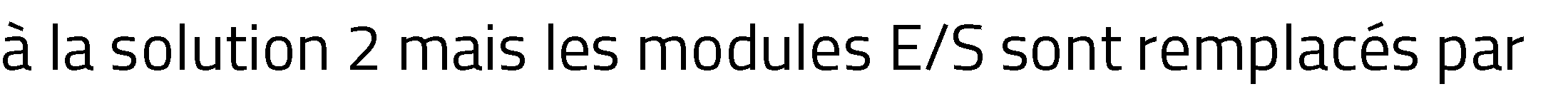
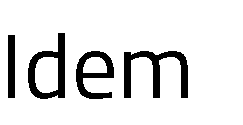
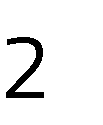
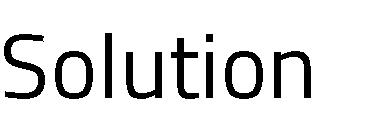
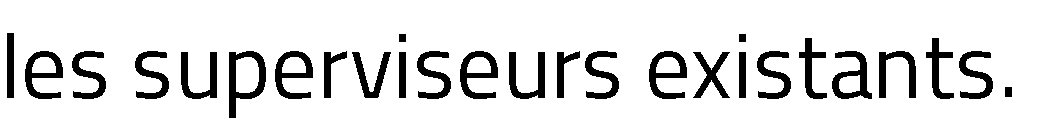
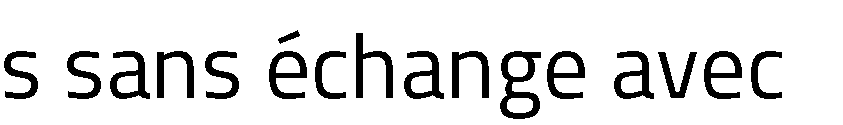
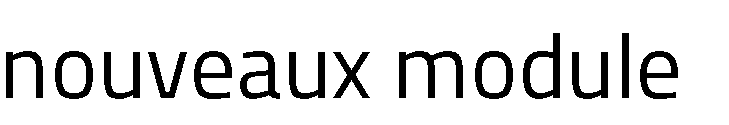
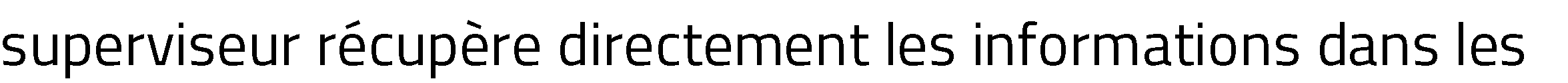
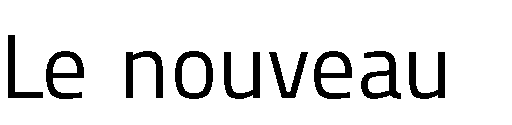
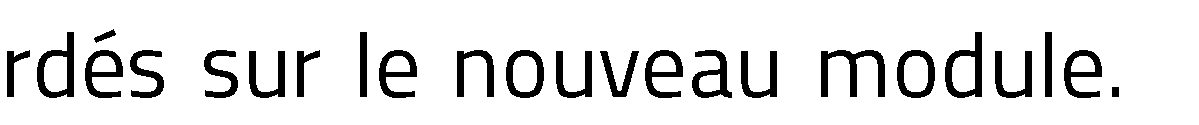
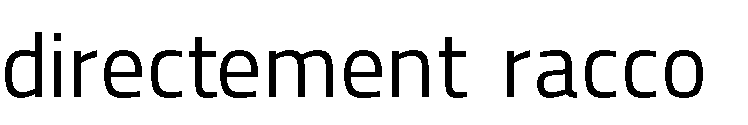
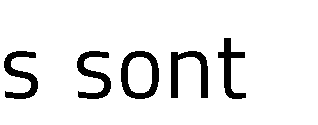
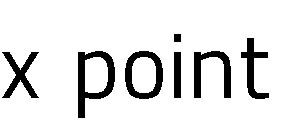
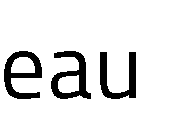
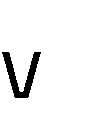
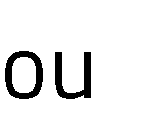
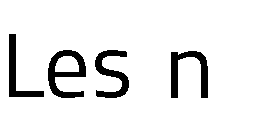
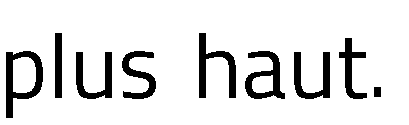
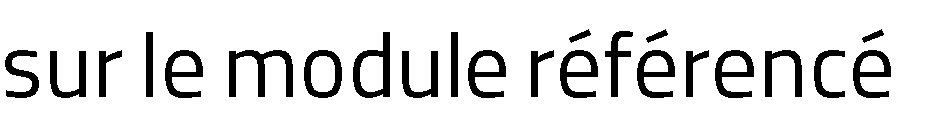
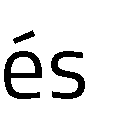
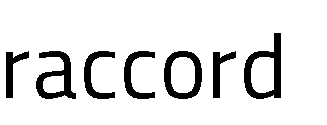
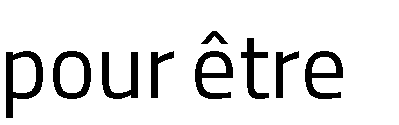
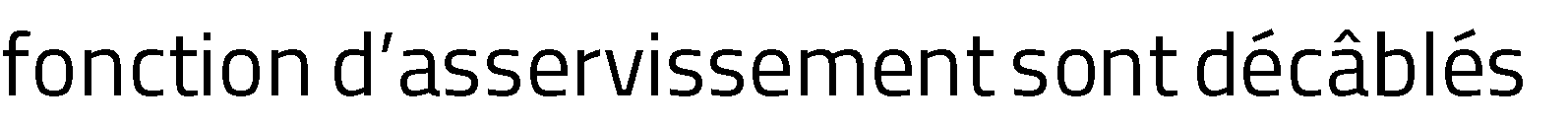
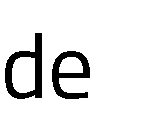
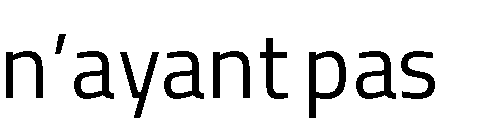
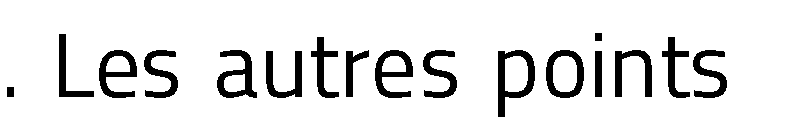
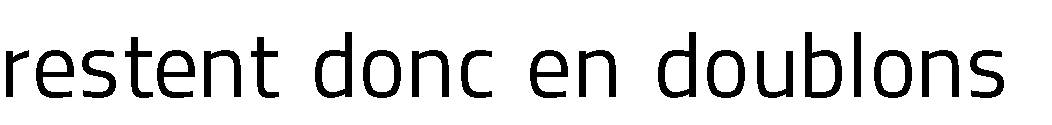
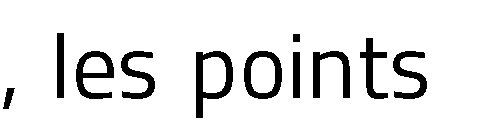
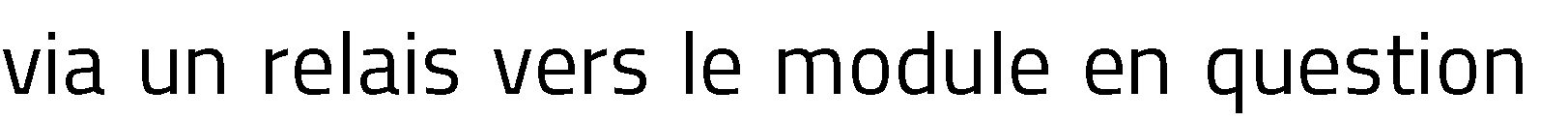
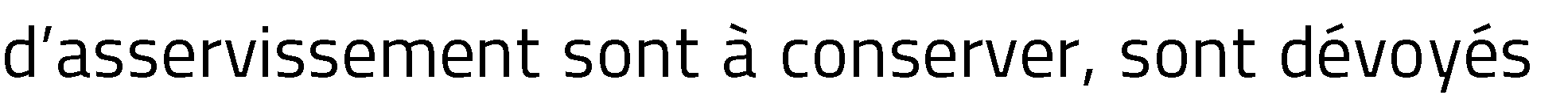
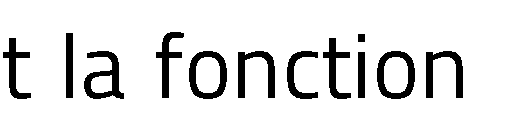
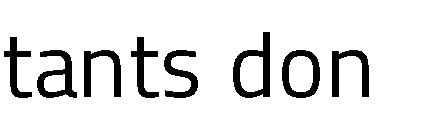
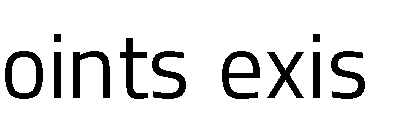
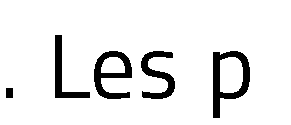
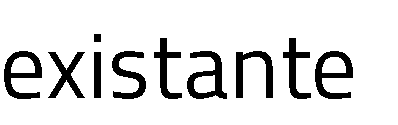
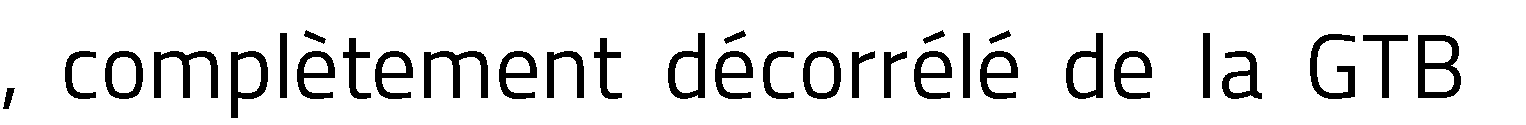
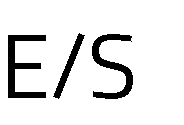
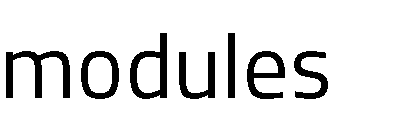
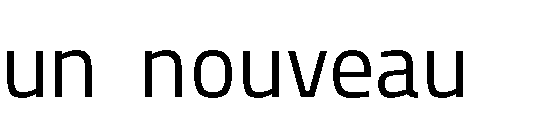
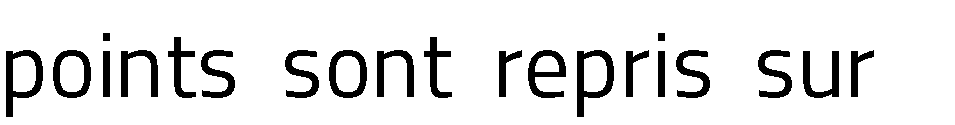
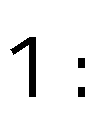
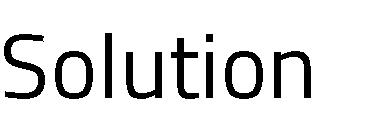
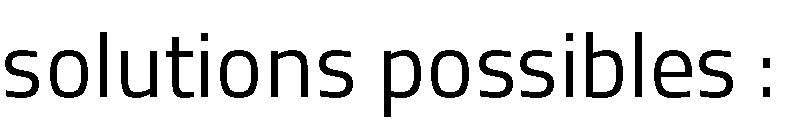
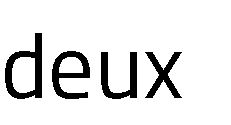
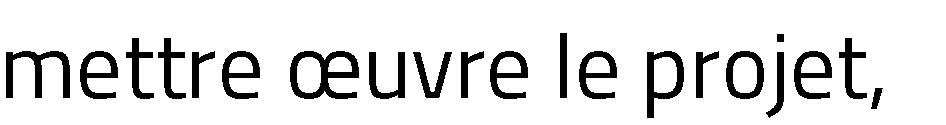
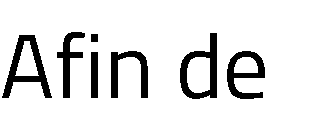
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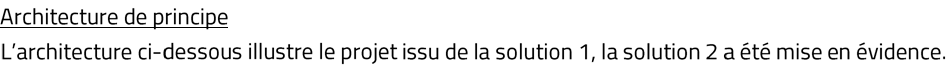
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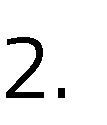
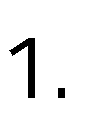
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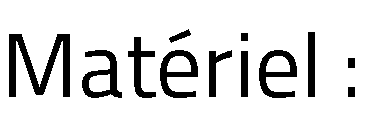
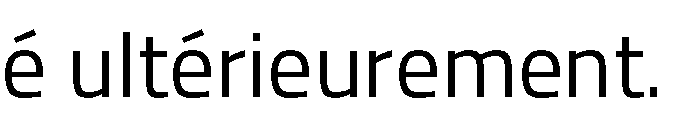
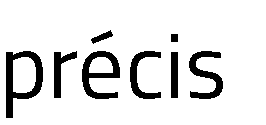
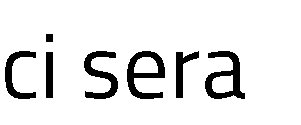
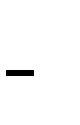
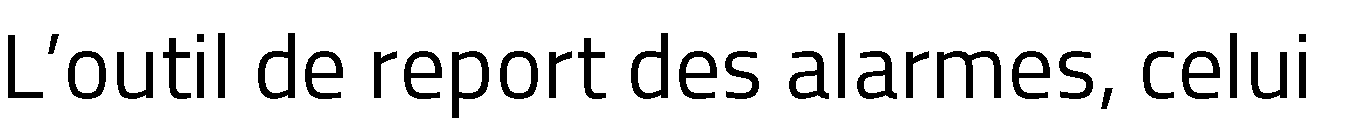
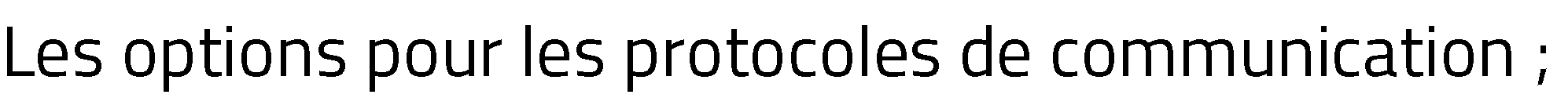
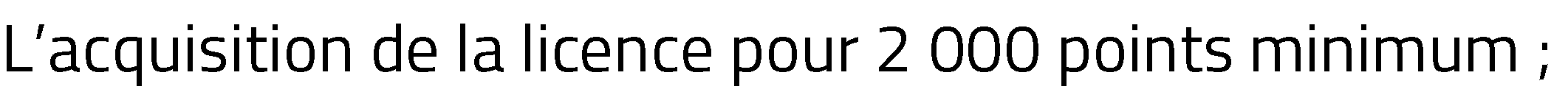
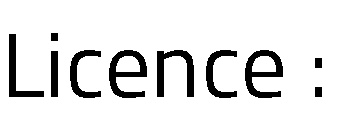
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Une image contenant texte, capture d’écran, diagramme, logiciel

Le contenu généré par l’IA peut être incorrect.



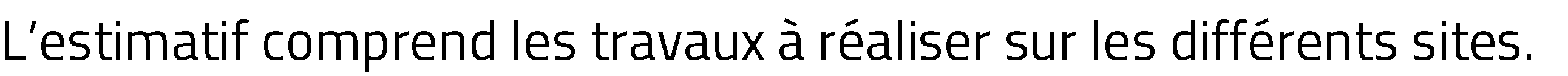


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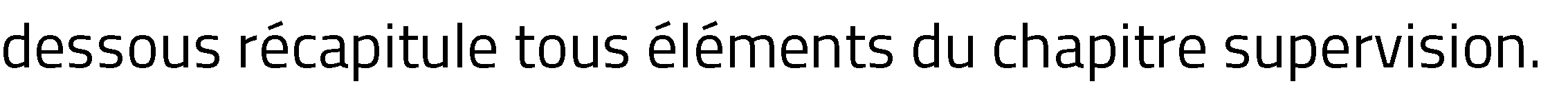
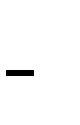
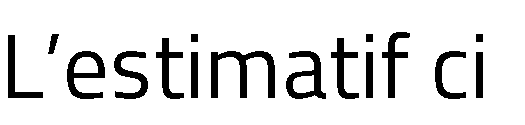
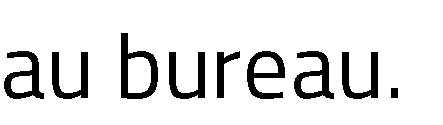
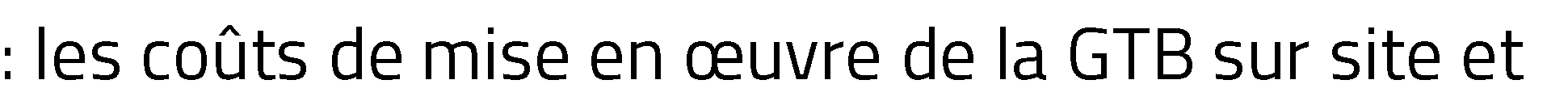
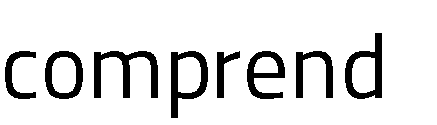
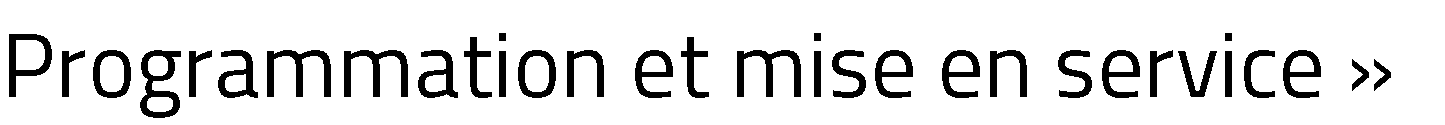
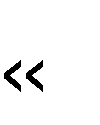
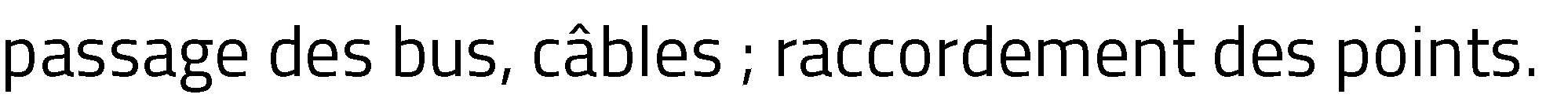
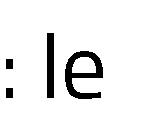
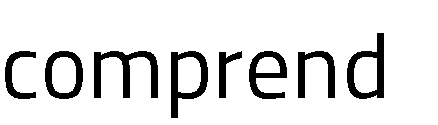
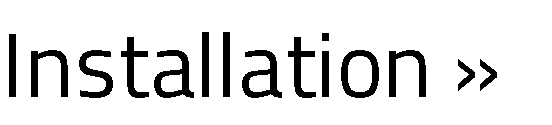
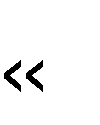
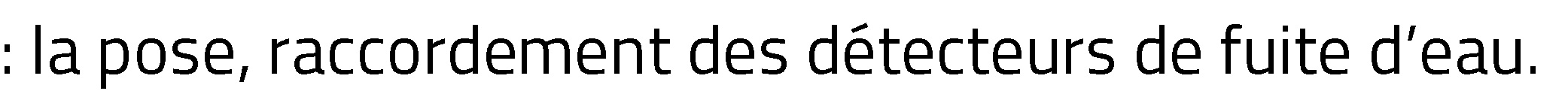
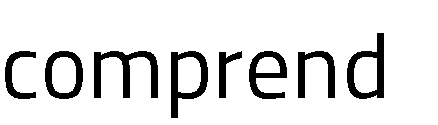
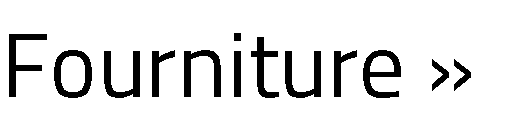
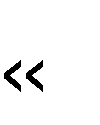
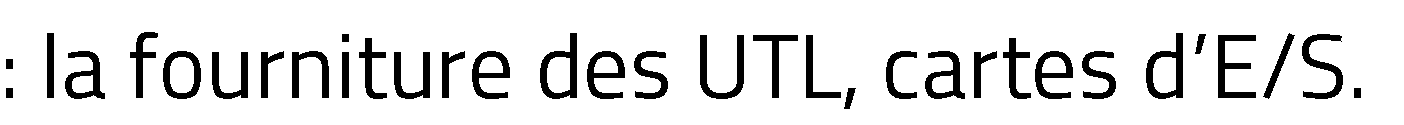
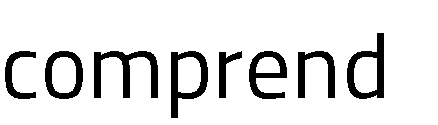
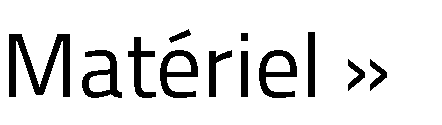
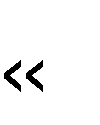




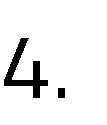
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| **Description** | **Solution 1 (**€ **HT)** | **Solution 2 (**€ **HT)** |
| **Finlay** |  |  |
| 1 - Matériel de GTB | 15 000,00 € | 25 000,00 € |
| 2 - Fournitures (capteurs, actionneurs, compteurs) | 3 000,00 € | 4 000,00 € |
| 3 - Installation | 9 500,00 € | 12 500,00 € |
| 4 - Programmation et mise en service | 5 500,00 € | 8 500,00 € |
| 5 - Montant annuel du contrat de maintenance au-delà de la GPA | Forfait annuel global site | Forfait annuel global site |
| **Total** | **33 500,00 €** | **50 000,00 €** |

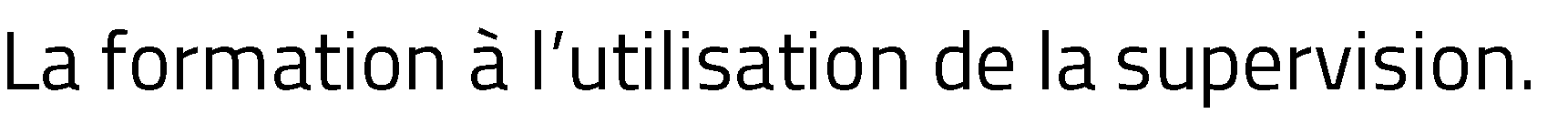
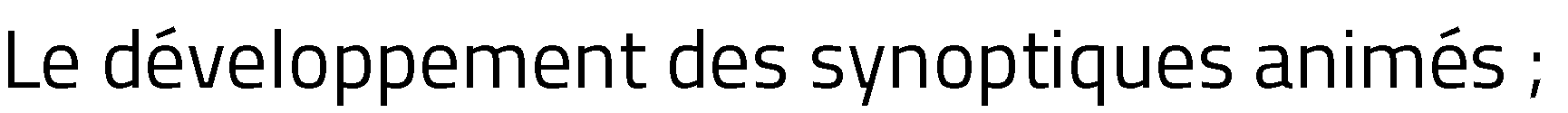
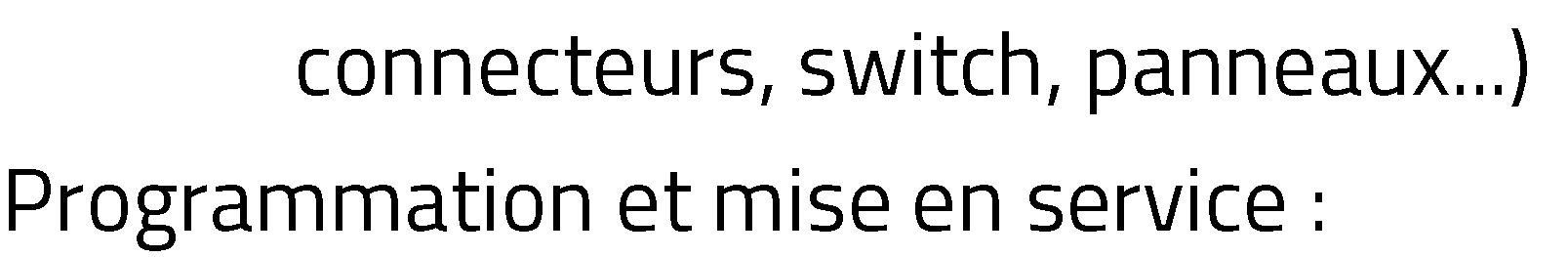
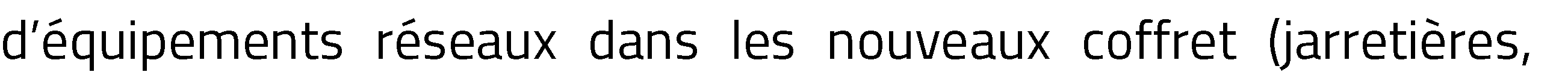
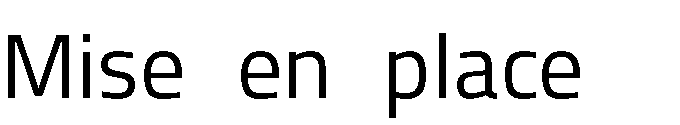
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| **Description** | **Solution 1 (**€ **HT)** | **Solution 2 (**€ **HT)** |
| **Viala** |  |  |
| 1 - Matériel de GTB | 13 000,00 € | 22 000,00 € |
| 2 - Fournitures (capteurs, actionneurs, compteurs) | 2 500,00 € | 4 500,00 € |
| 3 - Installation | 7 000,00 € | 11 000,00 € |
| 4 - Programmation et mise en service | 4 500,00 € | 6 500,00 € |
| 5 - Montant annuel du contrat de maintenance au-delà de la GPA | Forfait annuel global site | Forfait annuel global site |
| **Total** | **27 000,00 €** | **44 000,00 €** |

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| **Description** | **Base (**€ **HT)** |
| **Nationale** |  |
| 1 - Matériel de GTB | 4 000,00 € |
| 2 - Fournitures (capteurs, actionneurs, compteurs) | 500,00 € |
| 3 - Installation | 8 500,00 € |
| 4 - Programmation et mise en service | 4 000,00 € |
| 5 - Montant annuel du contrat de maintenance au-delà de la GPA | Forfait annuel global site |
| **Total** | **17 000,00 €** |



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| **Description** | **Solution 1 (**€ **HT)** | **Solution 2 (**€ **HT)** |
| **Supervision** |  |  |
| 1 - Licence et installation de base | 5 500,00 € | 6 500,00 € |
| 2 - Fourniture et installation des équipements réseaux | 500,00 € | 500,00 € |
| 3 - Formation complète (administrateur et exploitant) | 1 500,00 € | 1 500,00 € |
| 4 - Etude, programmation, tests, mise en service de la supervision et formation de base | 13 000,00 € | 21 500,00 € |
| 5 - Maintenance annuelle, y compris support technique et mises à jour | Forfait annuel global site | Forfait annuel global site |
| **Total** | **22 500,00 €** | **30 000,00 €** |

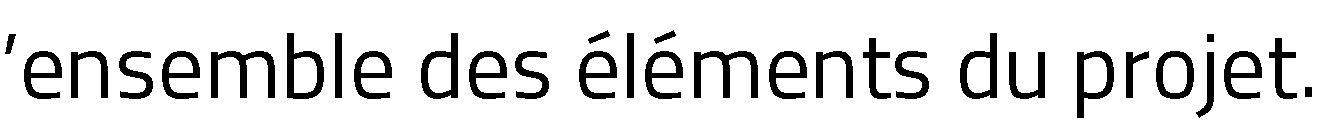
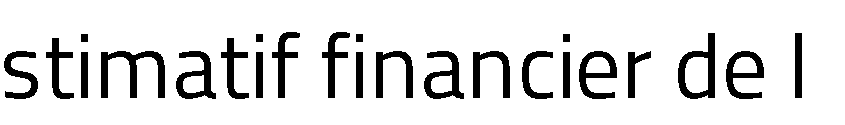
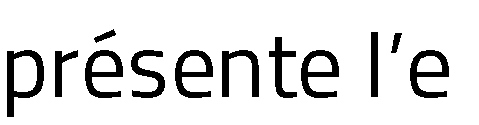
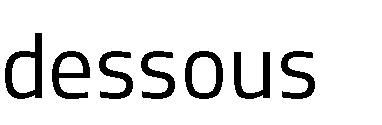
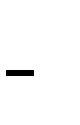
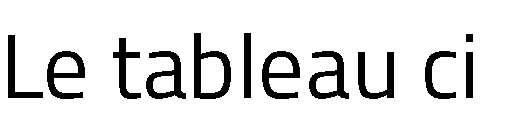




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| **Description** | **Solution 1 (**€ **HT)** | **Solution 2 (**€ **HT)** |
| Bâtiment Finlay | 33 500,00 € | 50 000,00 € |
| Bâtiment Vila | 27 000,00 € | 44 000,00 € |
| Bâtiment Nationale | 17 000,00 € | 17 000,00 € |
| Supervision | 22 500,00 € | 30 000,00 € |
| Maintenance au-delà de la GPA (montant annuel) | 3 500,00 € | 5 000,00 € |
| Mise en téléalarmes ascenseurs | 12 600,00 € | 12 600,00 € |
| Maintenance téléalarmes ascenseurs (montant annuel) | 2 240,00 € | 2 240,00 € |
| **Total HT** | **118 340,00 €** | **160 840,00 €** |

