Maintenance Services Contract

Smart signage equpment management

Trafic Innovation's preventive maintenance contract provides a structured service for the management, planning and monitoring of maintenance work, designed to ensure the performance, reliability and longevity of electronic signage equipment.

It enables a proactive approach based on regular inspection, analysis, preventative measures and the long-term sustainability of the equipment.



Objectives

- Ensure the smooth and reliable operation of equipment
- Extend the service life of facilities
- Prevent breakdowns and service interruptions
- Optimise maintenance costs
- Provide full traceability of service interventions
- Ensure user safety

Covered Equipment



VMS (Variable Message Signs)



Speed display signs KAM-12.5, Texto, KAM-15 et THIN-12



Push Buttons (wireless and wired)



Pedestrian detectors and RRFB systems



Lighting systems (Flashers, LED STOP, No Parking Panels)



TNS-SV Traffic Analyser



Trailers and Mobile Speed Displays (SSA-3)



Solar systems, batteries and current converter



Road signs (fixed)

NAVIGATE
TRAFFIC CLOUD

Management platform Navigate Traffic Cloud

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VMS (Variable Message Signs)

- Comprehensive LED test (defective pixels)
- Verification of displayed messages
- Inspection of the electronic controller
- Communication test
- Inspection of the housing and water resistance
- Surface cleaning



Speed Display Signs

- Checking speed detection accuracy
- Speed display test
- Verifying the recommended configuration
- Checking the sensor and electronic module
- Data communication test
- Cleaning the surface



Buttons (wireless and wired)

- Activation and response time test
- Wireless signal check
- Inspection of wired connections
- Check for wear and vandalism
- Check for loose fasteners
- Cleaning



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Pedestrian Detectors

- Detection test (real-world simulation)
- Coverage area verification
- Sensitivity adjustment
- Inspection of the housing and wiring
- Cleaning of the sensors



Lighting Systems (Flashers, LED STOP, Panels)

- Comprehensive LED test (defective pixels)
- Flashing cycle test
- Light intensity check
- Housing and water resistance inspection
- Synchronization verification
- Validation de la synchronisation



TNS-SV Traffic Analyser

- Verification of collected data/SD card
- Communication test with the platform
- Validation of internal sensors
- Verification of system settings



Trailers

- Structural inspection
- Inspection of onboard electrical systems
- Inspection of supports and stabilizers
- Inspection of equipment mountings



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Current Converter Box

- Functionality check
- Input/output testing
- Connection inspection
- Fault detection (overheating, instability)
- Terminal and connection inspection



RRFB (Rectangular Rapid Flash Beacon)

- Checking the LED lights
- Checking light intensity
- Inspecting the housing and water resistance
- Verifying synchronization
- Checking system activation
- Testing light synchronization with the push button and/or sensors



Solar Systems and Batteries

- Cleaning of solar panels
- Inspection of orientation and tilt
- Inspection of wiring and mounting brackets
- Inspection of connections
- Identification of signs of deterioration



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Inspection Frequency

The frequency of maintenance visits is determined based on a tailored assessment of the client's needs, the type of equipment to be inspected, its installation environment, and the criticality level of each site.

This approach allows the maintenance schedule to be adapted to the operational realities of the facilities, whilst prioritising equipment that is essential to safety, service continuity and network performance.

Post-Inspection Report

- List of inspected equipment
- Condition of each piece of equipment
- Test results
- Photos (if applicable)
- Observed issues
- Preventive recommendations
- Prioritization of future actions

Implementing this program will enable us to manage our equipment proactively and effectively, while ensuring its long-term performance and reliability.

Start your service today!

Ensure the performance and longevity of your equipment with preventive maintenance tailored to your operations.

Contact us now to schedule a service visit or discuss a bespoke maintenance plan:

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