Clever Devices

AVM®
Automatic Vehicle Monitoring

Clever Devices designs and develops breakthrough solutions for transit systems that are proven to increase efficiency and reduce operation costs while improving the passenger experience.

With any transit system, the need to do regular maintenance is simply a standard cost of doing business. However, when vehicles break down unexpectedly, service interruptions occur causing increased costs, lost revenue and most of all, unhappy customers. With **AVM®** you can accurately measure and monitor the status of your fleet's critical systems to identify and correct maintenance issues before they cause the system failures that increase your costs and upset your customers.

Fleet Diagnostics
AVM seamlessly integrates all on-vehicle systems, providing a single, common source of diagnostic information that enables access to accurate diagnostic details and performance information such as fuel consumption and fluid levels, across the fleet.

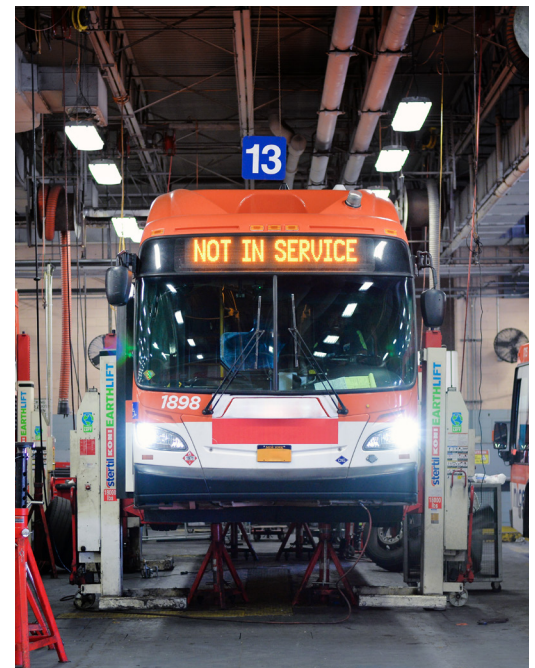### Predictive Maintenance Increases Efficiency
AVM monitors over 17,000 unique data points including mileage reports and engine hours to help maintenance personnel identify and resolve fault conditions before they turn into service interruptions. This can reduce road calls by 25%-40%.

Reduced Operating and Maintenance Costs
The ability to identify specific failures and system performance issues pre-emptively allows for more effective maintenance scheduling that saves time and reduces unplanned labor costs.

Fleet Dashboard
The easy to use browser-based dashboard provides visibility to accurate operational performance data including a complete view of the fleet's health, analysis of duty cycles and failures rates & advanced statistical and trend analysis.

Easy to Use Report Generator
Easily create customized reports, "favorite" reports, group management reports and individual user access; all reports can be scheduled to be distributed via email daily, weekly or monthly.

Clever
Devices

With AVM® you can accurately measure and monitor the status of your fleet's critical systems to identify and correct maintenance issues before they cause the system failures that increase your costs and upset your customers.

Pre-emptively Predict Issues

AVM® allows maintenance crews to pre-emptively predict issues before they occur, triage buses with defects as they return from service, prioritize repairs and integrate with maintenance management and work order systems.

Available as a stand-alone solution that compliments your existing offering or as part of a more comprehensive suite of ITS offerings from Clever Devices.

Visit www.cleverdevices.com to learn more about other related products

SmartYard® Advanced Depot Management

CleverCAD® Computer-Aided Dispatch

CleverReports® Business Intelligence Reporting