Clever Devices

BUS —— SOLUTIONS

www.cleverdevices.com

BUS **SOLUTIONS**

Clever Devices: Where Visibility and Action Connect

The ability to deliver the exemplary services that keep riders using public transportation depends on a few key things: safe and efficient systems, accurate and timely information and the capacity to react in real time when things go askew of the published schedule. At Clever Devices, we develop the ITS solutions that connect your operation from pull-out to pull-in. Our solutions help you build the most efficient transportation system possible. We connect you with your passengers to give them the information they need to plan their journey. Then, when something happens that is beyond your control, we give you the tools you need to react and get back on track, minimizing service disruptions and passenger dissatisfaction.

Our solutions help you see the big picture

Our fleet management & business intelligence solutions provide you with a window to your entire fleet and a reliable line of communication to your operators. From pull-in to pull-out and everywhere in between, we provide the solutions you need to keep your busses running, your costs low and your passengers happy.

React with Precision

Even the best-laid plans can be derailed when the unexpected happens. Our passenger facing and safety & security solutions let you react quickly to remedy unforeseen situations. Whether you need to prevent unauthorized operation of a vehicle or restore your service because of an unexpected detour we have the tools that let you react in real time to minimize disruptions – while keeping your passengers informed and updated.

FLEET MANAGEMENT

Clever Devices' fleet management provides real-time information about vehicles in the system so managers can make decisions about service, based upon what is happening in real time. Our complete suite of fleet management solutions can save you time and money while improving customer service.

CleverCAD

CleverCAD enables dispatchers to communicate directly with vehicles and manage routes more efficiently than ever before. It delivers greater efficiency and security to transit operations by providing dispatchers and supervisors with a clear, real-time picture of the location and status of every in-service vehicle.

AVM®

AVM® is an innovative solution that integrates all on-vehicle systems, providing a single, common source of diagnostic information. AVM monitors over 17,000 data points to identify and resolve fault conditions before they turn into service interruptions.

IVN®

Our advanced technology makes every vehicle a smart vehicle. With powerful on-board computing, Intelligent Vehicle Network IVN® supports our full range of intelligent transportation systems (ITS) solutions.

SmartYard®

Locate vehicles anywhere in the depot, schedule vehicle and maintenance assignments and run performance and inventory reports from an intuitive, user-friendly display that makes vehicle assignment more efficient & ensures the right vehicle is assigned to the right work.

SAFETY & SECURITY

Our solutions enable you to react to real-time emergencies, reduce accidents and improve the safety and security of your passengers and employees.

Secure Bus Access

Prevent the Unauthorized Operation of Your Vehicles. Secure Bus Access guarantees that only authorized employees can operate the bus to help ensure the safety of employees, passengers, and the public.

Turn Warning™

Turn Warning™ automatically detects when a bus is turning and sends an audio announcement to alert pedestrians to remain careful and alert as the bus is turning. It can also audibly alert drivers to pedestrians they may not be able to see on the street.
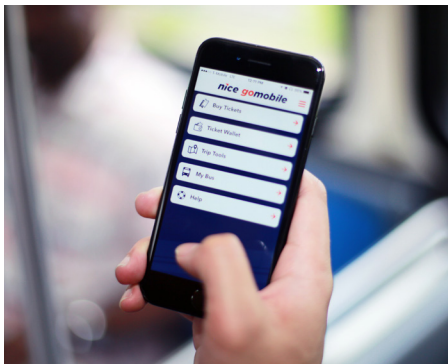
PASSENGER INFORMATION

Accurate and reliable passenger information is critical to increasing mass transport ridership and can have positive economic effects on a city by reducing lost productivity and personal time.
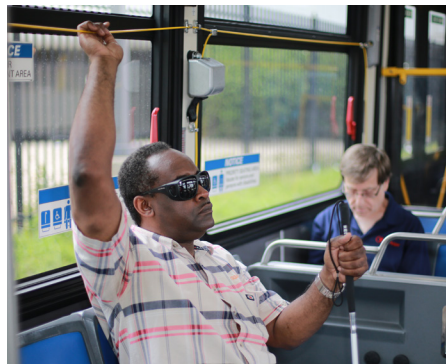

CleverVision®

CleverVision is a purpose-built onboard digital signage solution lets you deliver real-time information and public service announcements to your customers throughout their entire journey. An intuitive content management system (CMS) lets you easily configure and schedule static and dynamic content that's displayed on rugged HD resolution screens that are offered in multiple sizes to suit your unique content needs. The solution can be deployed as a standalone, but when paired with our Intelligent Vehicle Network (IVN), you can display revenue-generating location-based advertising and other meaningful content such as next stop announcements.

BusTime®

AVA®

SpeakEasy®

BusTime® enables you to communicate with your passengers in real time. Using GPS technology and scheduling data, BusTime calculates the real-time arrival time of your vehicles for specific stops and routes that you can share with your passengers online, on your mobile app, on social media as well as on your onboard and wayside signage.

AVA® automates passenger announcements and syncs with LED signage to keep riders informed, making riding the bus more convenient for an independent for hearing or visually disabled passengers. Compliant with Americans with Disabilities Act and Accessibility for Ontarians with Disabilities Act.

SpeakEasy® hands-free microphone provides a safe and efficient way for drivers to make route and stop announcements without ever having to take their hands off the wheel or their eyes off the road. Crystal clear audio gives passengers the information they need, and hands-free functionality increases passenger safety.
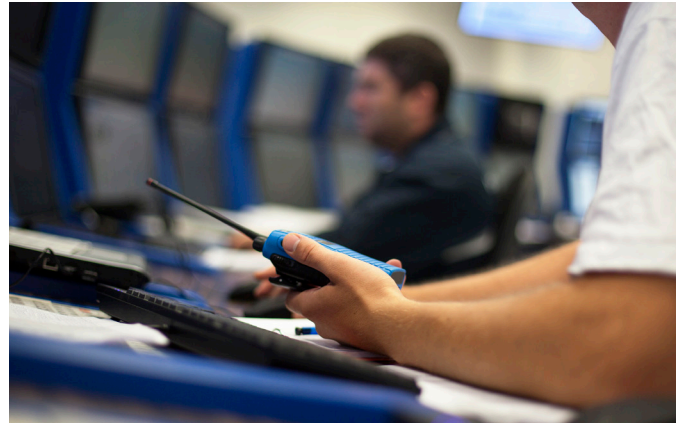
BUSINESS INTELLIGENCE

CleverReports®

CleverReports is a suite of business intelligence reporting tools that measure the scheduled plan of service against the service that was actually delivered so you can plan better, reduce costs and improve efficiencies.

CleverAnalytics™

CleverAnalytics™ compares vehicles and operators performing the same work. Using that data, management can accurately diagnose areas of inefficiencies and make necessary changes to improve overall performance levels.

Ridecheck Plus®

Ridecheck Plus processes the data collected from automatic passenger counters and other sources to help you analyze ridership trends, evaluate routes and make service decisions to optimize service and reduce expenses.

CleverCount™

CleverCount automatic passenger counting solution lets you plan based on actual ridership demands. With detailed information about riders – such as where they are getting on and where they are getting off – you can plan your routes, stops and even your passenger amenities better and use your resources more efficiently.

COMMUNICATIONS

IP-based Communications

Our IP-based mobile communications platform can be used as a standalone solution, as an overlay on an existing LMR system or as a compliment to a digital LMR where redundancy is required. Our solution is secure and scalable and seamlessly integrates with Wi-Fi, Satellite, LMR, and FirstNet to ensure no fixed end singe point failures. It unifies your LMR and cellular infrastructure with seamless switching between voice and data communications and enables your workers to communicate without the need for a dispatcher.

LET'S GET
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