



READY FOR NEXTGEN FLEET MANAGEMENT?

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6 MUST-HAVE FEATURES

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Let's Explore!

1. CLOUD-NATIVE CONTROL

1

Flexible

MOBILE- ITCS nextGen uses containerized subcomponents, enabling deployment as either a cloud-native solution or an on-premise solution.

2

Scalable

MOBILE-ITCS nextGen is cost effective, scalable, and ensures high availability. It dynamically scales to load requirements so customers only use and pay for what they need.

3

Secure

MOBILE-ITCS nextGen gives customers the most modern and secure architecture that offers a robust and high performance platform for years to come.

4

Intelligent

MOBILE-ITCS nextGen has intelligent diagnostics to enable faster error correction and instant updates, reducing downtime and closing security gaps quickly.

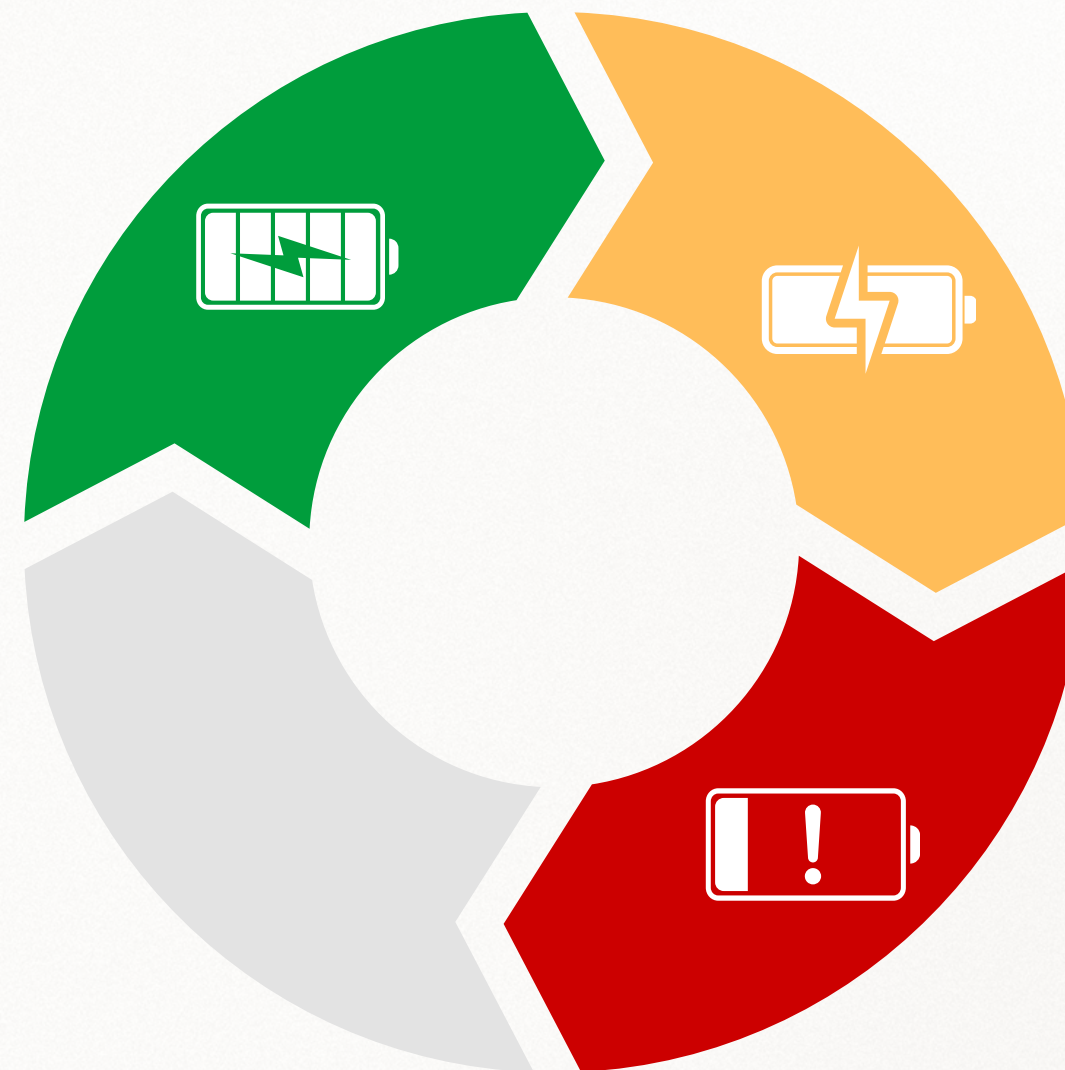
2. STATE OF CHARGE MONITORING

Electric Fleet Operations

Vehicle fleets which include e-buses pose completely new challenges for dispatchers. The vehicles' charge level must be carefully monitored and decisions made in real time.

Charge and Range Alerts

ITCS nextGen includes advanced management tools that provide real-time charge level alerts and remaining range intelligence via color-coded charge indicators on the dispatcher's display.



Dispatch Measures

This visibility enables early detection of low-charge vehicles, helping dispatchers execute measures to keep operations running smoothly.

Seamless Management

nextGen features seamless integration with yard and charge management systems allowing maintenance teams to prepare for efficient, uninterrupted electric fleet operations.

3. ON-DEMAND OPTIONS



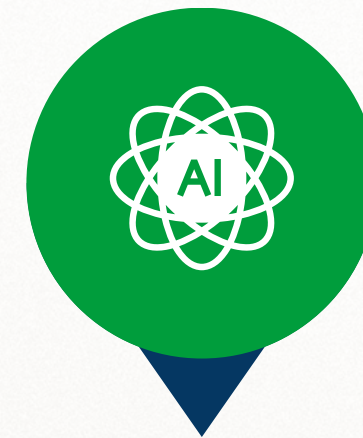
Flexible

MOBILE-ITCS nextGen supports on-demand transportation for all passengers, bridging first-mile/last-mile gaps.



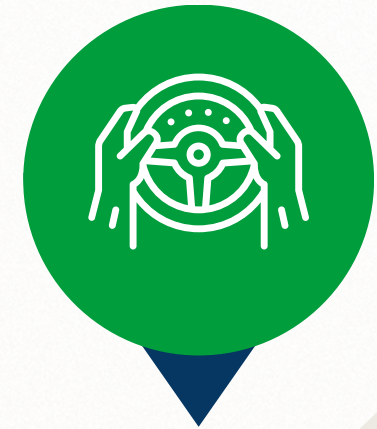
Rider Requested

Passengers can request on-demand stops outside of the regular route via an app or website. These stops can be seamlessly integrated into the driver's schedule, ensuring that the bus stays on track after serving the request.



AI-Powered

MOBILE-ITCS nextGen uses AI-powered optimizations to calculate efficient journeys and ridepooling opportunities so there are fewer empty seats and less fuel consumed.



Driver-Activated

Drivers have the ability to activate specific stops directly, adding flexibility to operations.

4. IN-FIELD DISPATCHING

Under dynamic conditions, ensuring timely service is the top priority to maintain on-time performance and passenger satisfaction.

▶ Accidents and Delays

During major events, accidents, or delays, field supervisors play a crucial role in restoring service on the ground.

▶ Real-Time Disruption Intel

ITCS nextGen delivers real-time operational and disruption information to dispatch supervisors in the field.

▶ On-Street Operations

Street supervisors are empowered to coordinate and execute an effective response to incidents and restore operations.



5. SEMI-AUTOMATED PASSENGER INFO

Passenger satisfaction is directly tied to accurate, timely information about bus schedules and arrival times.

► Informed Passengers

Distributing passenger information across multiple channels can be time-consuming for dispatchers. ITCS nextGen simplifies this task by enabling dispatchers to semi-automate updates across multiple media platforms at once, with just a few clicks.

► Dispatcher Time Savings

With real-time updates, ITCS nextGen keeps passenger information accurate and up to date, freeing dispatchers to focus on higher-priority tasks like managing service disruptions.

6. TURN-BY-TURN NAVIGATION



In Portland, baby boomers are entering retirement in droves. TriMet has taken advantage of this demographic shift by hiring hundreds of retirees as new operators. This is a win-win for both parties, even if the solution initially came with some challenges.

Challenge

TriMet's new operators weren't familiar with the layout of Portland streets. The agency was experiencing a significant loss in reliability due to an enormous number of off-routes.

Solution

INIT's turn-by-turn navigation on the drivers' data terminals allowed operators to hear audible alerts and instructions that immediately reduced off-route incidents.

Result

INIT's fleet operations data helped TriMet identify problematic areas, and with targeted changes, the agency cut delays by 12%.



ITCS nextGen Fleet Operations

MOBILE-ITCS nextGen fleet operations involves more than just a fleet management system; it is a future-proof solution designed to meet the evolving needs of public transit. With a focus on innovation and scalability, ITCS nextGen can help your agency stay ahead of the curve.

[Contact Us For a Demo](#)

