EMBARK™ E-PAPER DISPLAY

STATIONARY PASSENGER INFORMATION SYSTEM

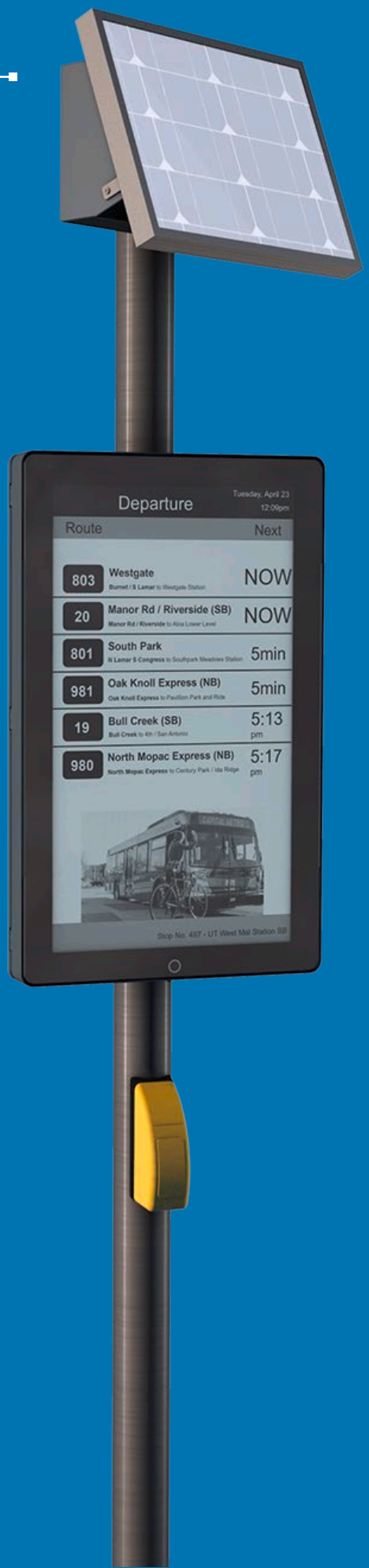
EMBARK

INTELLIGENCE, SAFETY AND
EFFICIENCY IN TRANSIT

LUMINATOR
TECHNOLOGY GROUP

32” PORTRAIT E-PAPER DISPLAY, WITH OPTIONAL PUSH BUTTON (ADDITIONAL FORM FACTORS AVAILABLE)

SOLAR POWER OPTION



FLEXIBLE

- Available in 32” and 13” display options
- High resolution display supports a variety of graphics, including QR codes
- Multi-page display delivers real-time updates, including rider alerts, next bus, route information, maps, and more
- Remote updates, diagnostics, and system health monitoring reduce labor and maintenance costs
- Features anti-reflective, laminated safety glass
- Installation is simple and low cost, without requiring foundation work

ENERGY EFFICIENT

- Optional solar power for grid independence with an integrated cellular data modem for communications
- Ruggedized design for long-lasting performance; battery lifetime exceeds eight (8) years; solar panel, 25 years
- High-powered solar panels can support display indefinitely without direct sunlight
- Elegant and easy-to-read front-lit design provides excellent readability, even in direct sunlight
- Ultra-low power LEDs are activated by motion and light-detecting sensors for optimal energy efficiency, enhanced visibility and safety

ACCESSIBLE

- Push button allows riders to view additional display pages
- Exceptional screen resolution enables detailed graphics, upcoming departures and timetables to be displayed on the same screen
- On-demand audio announcements support accessibility and ADA compliance

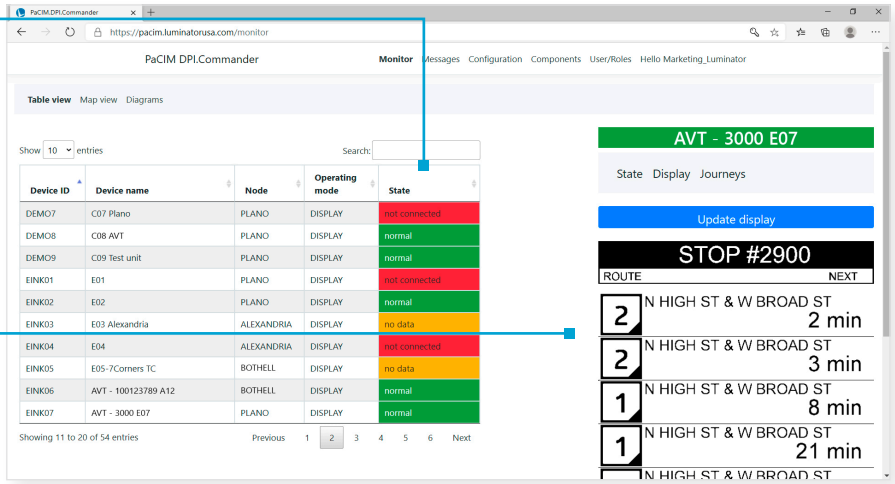
EMBARK

CONTENT MANAGEMENT SYSTEM

- The content management system (CMS) is typically deployed as a cloud-hosted solution, but on-premise solutions are also available. The web-based application allows authorized users to distribute image and text content to displays at specific locations. The content may also be scheduled in advance.
- The CMS includes content modules to display bus arrival times, transit alert data, ad-hoc or PSA messages, and graphics.

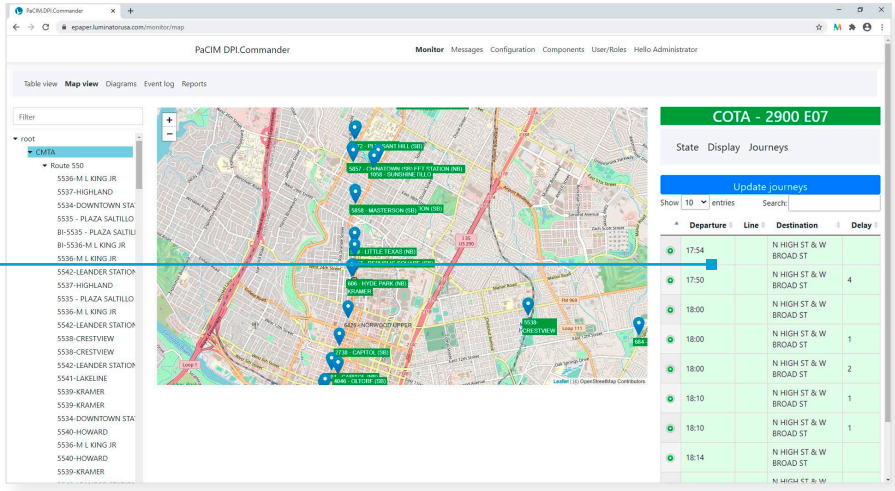
DIAGNOSTICS

Status display indicates if there is a fault, so that maintenance can be quickly dispatched to the correct location.



ARRIVALS

Allows for the presentation of real-time arrivals. The format of the display of vehicle arrival information is the route number, the route destination, and a time to arrival in either minutes or time of day. In the event the displays are not able to obtain real-time arrival data the system will display scheduled arrival times.



TRANSIT ALERTS

The transit alert module pulls transit alert data from a GTFS Alert or RSS feed and pushes specific information to each sign for display in the network.

LUMINATOR TECHNOLOGY GROUP

PROVEN TECHNOLOGY, SUPERIOR VISIBILITY

Luminator Technology Group, the world leader in destination signs for transit buses, now offers E-paper displays for stationary applications. The displays use proven bistable reflective technology that provides superior visibility in direct sunlight, and low power consumption. Luminator's E-paper displays can be configured to operate on solar power and 4G/LTE cellular communications, eliminating costly construction and hard-wired installation.

EASILY PROVIDE REAL-TIME INFORMATION

Luminator's E-paper displays have the ability to display high-resolution images up to 2560 x 1440 pixels, making them ideal for graphics, arrival schedules and QR codes. The displays are managed via Luminator's content management software (CMS), providing the ability to monitor display status throughout the network, and update content on one or multiple displays as needed.

INTELLIGENCE, SAFETY AND EFFICIENCY IN TRANSIT

QUICK FACTS

- High resolution, multiple page views
- Reflective electrophoretic display technology operates with minimal energy consumption
- Optional text-to-speech functionality meets ADA requirements
- Requires no power or communication infrastructure; optional solar power