

T PASSENGER Transport



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EXPO 2017 ANNUAL MEETING & EXPO

Off the Grid: Solar Powered, Next Generation Digital Signage

Industries sometimes use the term “green technologies” as a public relations add-on to garner praise. Not so in the public transit industry.

Going off the grid is essential if you want to provide your customers vital, real-time updates, especially during inclement weather. Weather conditions can wreak havoc on electrical infrastructure and disable any type of important transit messaging to your customers.

Additionally, even without severe weather conditions, most at-stop information is static, making updates cost-prohibitive, and the lack of electrical power at the vast majority of bus stops has made digital options impossible. Public transit customers then resort to their smart devices to search out information that may or may not be correct. Agencies need to own this vital information at stops and communicate it efficiently and effectively.

CHK America, a leading provider

of customer information solutions for the U.S. public transportation industry, has found this can be achieved using a robust messaging device that does not require electrical infrastructure. According to chief technology officer Chuck Menzel, “We focused on developing digital signage that was not only energy-efficient but also required little effort to set up and run. ConnectPoint® Digital Signage meets these requirements and more.”

ConnectPoint® does not require electrical infrastructure and addresses the issues of cost efficiency and reliability for real-time departure information. Its products, Digital Bus Stop and SmartStop® (interactive kiosk), have high-resolution imagery broadcasting service change updates, rider alerts, schedule changes and real-time departure information.

“This is all about customer service and efficiency. Installing solar powered,

digital signage at transit stops mitigates performance chaos and equips the rider with all the information they need to get to their destination,” said Rick Wood, the company’s president and chief executive officer.

Many transit agencies are grappling

with limited budgets and existing infrastructure. Weatherized and wireless, ConnectPoint® Digital Signage is easily deployed on existing bus stop poles within 30 minutes.

Learn more at Booth #2140.

Simplifying Portable Precision Wheel Truing

WHEEL-RELATED SERVICE disruptions can cost rail operations \$10,000 or more per incident. This includes time waiting for repairs, the cost of shipping wheel sets or moving locomotives to reconditioning facilities, outsourcing wheel profiling to mobile contractors, lost revenue and even FRA fines.

Now, however, computer numerical control (CNC)-controlled portable wheel lathes are expediting wheel profiling and reducing costs by enabling safe, precise, on-site locomotive wheel truing in the field or at the shop.

Wheel Safety and Compliance

To ensure proper wheel-rail interface, FRA requires

locomotive wheels be inspected every 90 days. The wheels must pass inspection for defects such as flat or shelled spots, thermal cracks and thin or high flanges,

WHEEL TRUING CONTINUED ON PAGE 51

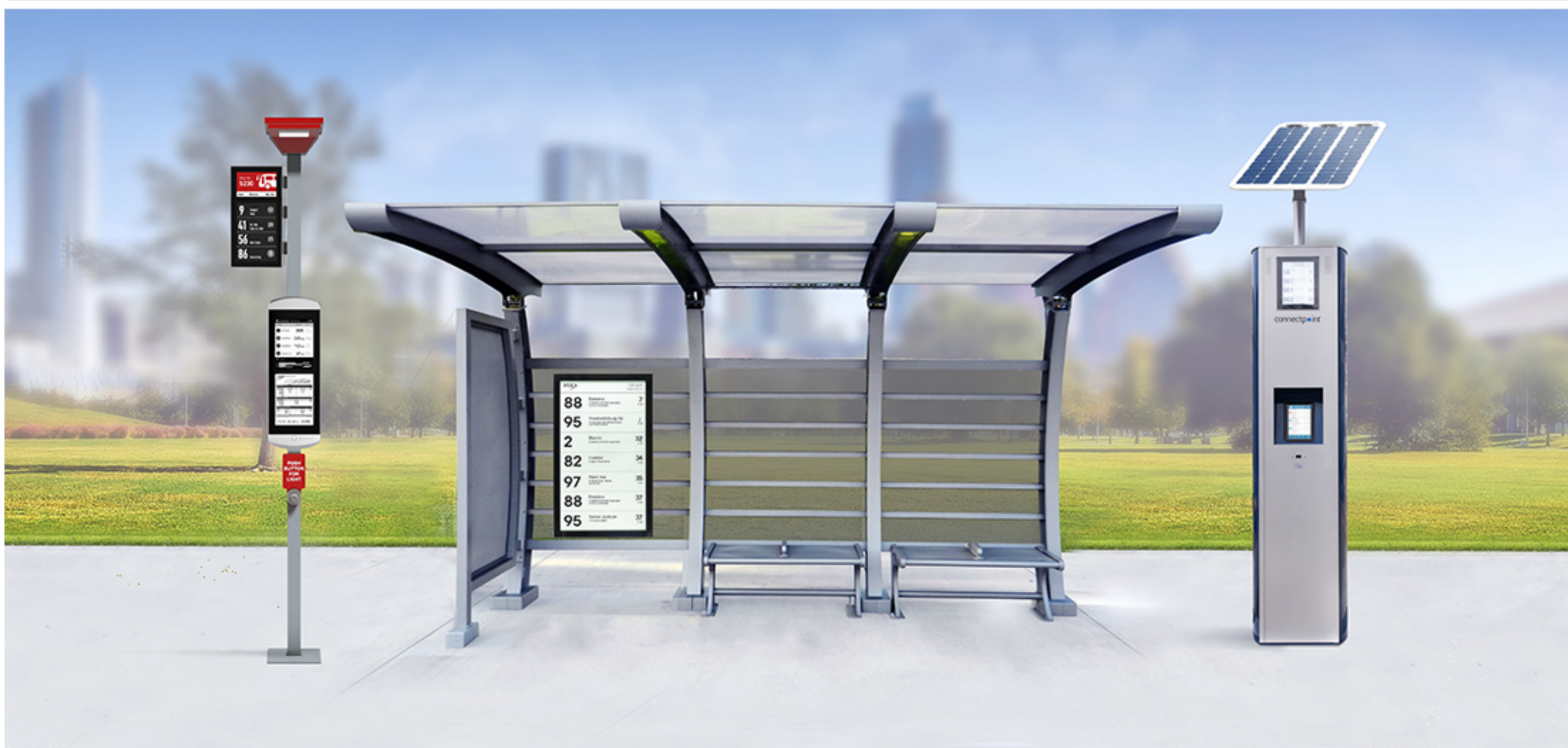


A portable wheel lathe from Delta Manufacturing being used to maintain a railcar wheel.

ATLANTA ... DID YOU KNOW?

Atlanta’s Strong Tourism Record

IN 2016 Atlanta had a record-breaking 52 million visitors, generating \$15 billion in spending. The city collected an estimated \$76 million in hotel and motel taxes. It was the top destination for conventions and tourism, resulting in 700 conventions, meetings and events hosted and booked in 2016. With more than 810 hotels totaling 95,600 rooms, Metro Atlanta has more than enough room to accommodate its enormous number of visitors. There are 280,000 jobs in the hospitality industry, and the city was ranked “most charming,” “most cultured” and among the “friendliest of cities.”



CHK America and Brasco International have partnered to bring you the perfect combination of aesthetics, technology and performance for any transit stop. Brasco’s award-winning shelters and solar lighting, combined with CHK’s ConnectPoint® digital e-paper signage, provide the style and connectivity today’s riders expect.



Visit us in Atlanta: CHK Booth #2140, Brasco Booth #2547