

Enabling Workforce Productivity Through Enterprise Class Wi-Fi On Corporate Shuttles

WeDriveU® is a leading provider of corporate transportation. Moving 5 million passengers annually in the United States, WeDriveU Commute Alternative solutions eliminate 15,000 single-passenger vehicles daily, and generate \$250 million in annual productivity value. Companies rely on WeDriveU's secure and always-on passenger Wi-Fi to ensure that thousands of employees are productive while commuting to and from their corporate office.

Challenge

WeDriveU helps employers reduce parking demand, ease traffic congestion and connect their campus to public transit stops. By giving employees an alternative to driving to work alone, employees stay productive and relaxed during their daily commute.

For example, a client's large shuttle program in the San Francisco Bay Area required onboard connectivity for passengers to access email, connect to the corporate virtual private network (VPN), and participate in video conferences.

In addition to a secure, reliable and always-on connectivity platform for this client's employees, WeDriveU was required to track and monitor its fleet, authenticate passengers, and remotely diagnose and troubleshoot the onboard network and mobile gateway.

Solution

LILEE Systems delivered a fully managed connectivity-as-a-service solution that provides high reliability, high-bandwidth passenger Wi-Fi for WeDriveU's bus fleet.

Onboard Wi-Fi connectivity is provided by LILEE's intelligent transportation solution, which consists of LILEE's STS-1020 mobile gateway, T-Cloud, live help desk, and support service. The mobile gateway is equipped with four 4G-LTE radios, connected to the cloud-based virtual LILEE Mobility Controller. LILEE's dynamic weight load balancing algorithm efficiently

aggregates the capacities of each radio into one virtual communications channel. The solution supports bandwidth demanding corporate and entertainment applications for up to 40 riders with one or two personal devices per user.

LILEE's T-Cloud is a scalable cloud solution, to provision and monitor end-to-end vehicular networks, and configure and manage mobile gateways, applications and connectivity to back-office applications. T-Cloud real-time dashboards provide detailed insights into the network utilization, LTE usage, and quality and usage analytics.



*"Superior connectivity is integral to offering the best commute experience for passengers and for us to deliver the greatest amount of value to our clients," said **Erick VanWagenen, EVP and Chief Strategy Officer at WeDriveU, Inc.** "We're thrilled to team with LILEE and see the real world results they deliver."*



WeDriveU Connected Vehicle Case Study

Results

With the successful deployment of the LILEE solution, WeDriveU has established always-on secure Wi-Fi connectivity for the long-distance commuter shuttles serving an estimated 15,000 monthly passengers.

Every passenger has taken advantage of the high-speed Wi-Fi to connect to the corporate VPN while on board, dramatically improving employee productivity and earning high satisfaction with LILEE's solution. In addition, WeDriveU leverages LILEE's solution for insights to boost operational efficiency and performance.

LILEE's subscription-based service has allowed WeDriveU to scale as its customer base grows, deploy premium connectivity to a wider fleet, and extend its lead in the marketplace. LILEE's approach to lower cellular data transmission costs, based on best available least cost cellular link, provides added value customers.



LILEE's subscription-based service includes:

- Enterprise class passenger Wi-Fi
- Secure connectivity
- Edge computing for IoT applications
- Application enablement platform
- Cloud-based management
- Real-time analytics
- Technical support

LILEE Systems and WeDriveU won SmartTransit's 2016 "Project of the Year" Innovation Award for improving productivity for corporate commuters with superior onboard Wi-Fi. In 2017, LILEE Systems had a total of 65 corporate coaches equipped with passenger Wi-Fi. In 2019, the number grew to 187, serving thousands of employees in Silicon Valley, Los Angeles, Boston, and Austin.

About LILEE Systems

LILEE Systems, recently listed as an Inc. 500 fastest growing private company, delivers integrated, open, and reliable industrial IoT wireless and wired connectivity solutions incorporating hardware, software, and services. LILEE solutions are improving operating efficiency and reducing costs in a wide range of industries. LILEE is headquartered in Silicon Valley, with offices in Taipei and Amsterdam.

Contact LILEE Systems today to learn more about our solutions and discuss business opportunities.

LILEE Systems
+1 (408) 988-8672
sales@lileesystems.com
www.lileesystems.com