

CASE STUDY: Transdev Taxi POS Solution Powered by LAVA

CHALLENGE: Transforming Samsung Tablets into POS Systems with Card Payment Integration and Simultaneous Charging

While there are a variety of hardware and software options when managing tablets for in-vehicle taxi POS solutions, few can match a LAVA adapter's ability to act as a hub allowing simultaneous power and data transfer as plug-and-play solutions. Transdev has used LAVA tablet adapters to implement a variety of different POS solutions for taxis. These extend the functionality of the in-vehicle Samsung tablet to provide simultaneous charging and data transfer to not only the tablet itself, but also connected USB peripherals such as card readers for mobile fare payment.

SOLUTION: LAVA Taxi POS Solutions that Expand Functionality in a Variety of Configurations

Our taxi POS application enables a variety of different Micro-USB and USB-C based Samsung tablets. With a ProClip enclosure to secure the tablet, an exceptionally strong mechanical mounting interface allows device deployment virtually anywhere. The sleek, rugged and custom-machined sleeve completely protects the tablet.

For Transdev, the nSTS-1U-OEM adapter enabled support for 1 x USB payment terminal and has built-in Docking Detect for reliable power connection and plug-and-play functionality when swapping tablets. With our proprietary battery modulation technology, tablet life can be maximized by avoiding a continuous power charge being applied. This reduces battery degradation and bloating, extending battery lifespan by 1-3 years. However, LAVA can connect up to 5 x USB peripherals such as payment terminals, NFC readers, printers, entertainment/information displays or even a full QWERTY keyboard. We also support external DC power supplies from 9-36V with an optional built-in voltage converter.

OUTCOME: Saved Time and Money while Driving More Efficient Results

Implementing a LAVA solution transformed Samsung tablets into a cost-effective POS system for credit card payments. Minimal downtime for installation, an improved and flexible hardware, and the option for robust protection for battery longevity were the key benefits of this unique mobile solution. Explore the LAVA-Samsung-Proclip passenger transport solution to ensure your mobile investment's reliability in continuous use with flexibility and expandability for future add-ons.

The Complete Solution for Passenger Transport



LAVA: Accept credit card payments through NFC or magnetic card reader integrated through LAVA adapter to Samsung tablet while charging the tablet. LAVA power & data adapters are available for both micro-USB and USB-C based Samsung tablets.



Samsung: Select Samsung Micro USB tablet such as Tab A 8" (SM-T387) or USB-C tablet such as Tab A 8" (SM-T380) or Tab Active 2 (SM-T390), and many more.



ProClip: Sleek, rugged and custom-machined sleeve completely protects the tablet. An exceptionally strong mechanical mounting interface allows device deployment virtually anywhere. The Tough Sleeve can be installed virtually anywhere the vehicle as required.

We can help you to build your multipurpose tablet kiosk – call or email us to discuss your project

LAVA Computer MFG Inc.

2 Vulcan Street, Toronto
Ontario M9W 1L2 CANADA

+1-800-241-5282 Toll Free
+1 416-674-5942

sales@lavalink.com
www.lavasimulcharge.com

