



TECHNOLOGY EXPLANATION

KNOX INTEGRATION IN THE LAVA SIMULCHARGE® TAB MINI KIOSK

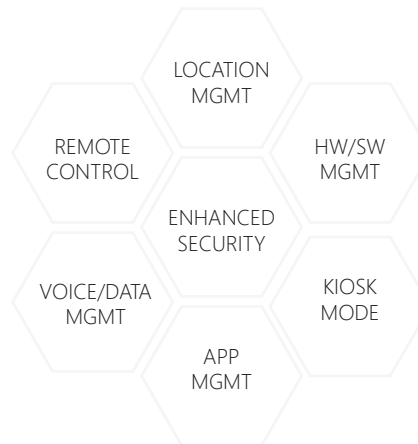
BACKGROUND: WHAT KNOX IS AND WHAT IT DOES

Samsung's KNOX program is a large ecosystem of control and security APIs for Samsung's Android-based phones and tablets. Samsung's Enterprise Alliance Partners are licensed to use this suite of Samsung-endorsed functions and features, gaining root-like access to the Samsung devices' capabilities, while remaining inside security, technology, and warranty constraints.

In the case of the SIMULCHARGE® Mini Tab Kiosk, KNOX permits specific and powerful control of the kiosk's high-grade 2D scanning barcode engine. This camera is fully integrated at both the hardware and software levels to the LAVA interface electronics that are central to the operation of the kiosk.

FEATURES: SAMSUNG KNOX

LAVA's Mini Kiosk for the SIMULCHARGE® Mini Tab Kiosk focuses on two parts of the KNOX system to create its seamless operation: Hardware Management and App Management.



TYPICAL APPLICATION: CUSTOMER PRODUCT LOOKUP IN RETAIL STORE



 <p>LAVA KIOSK WITH INTEGRATED SCANNER RUNNING APPLICATION "A" WHILE CHARGING TABLET</p>	 <p>SCANNER IS ALWAYS ACTIVE UNDER KNOX PERMISSION. IT DETECTS AND READS PRODUCTS BARCODE</p>	 <p>BARCODE DATA IS AUTOMATICALLY PASSED TO NEW DESIGNATED APPLICATION "B" OPENED UNDER KNOX PERMISSIONS</p>
---	--	---

LAVA Computers MFG. Inc. designs and manufactures computing interfaces and devices for the Point of Sale, Kiosk, Gaming, Industrial Automation, Security and Access Control industries, and has been doing so since 1984. As experts in serial interfaces for PCI, PCIe, ISA, USB, and Ethernet buses, LAVA builds tablet PoE/USB/LAN devices, Ethernet-to-serial device servers, serial/parallel I/O boards, and embedded IoT/M2M connectivity devices.

With over a million LAVA products built into workstations, servers, retail POS systems, and industrial computers, LAVA products are trusted by resellers, distributors, OEMs and system builders in over 47 countries worldwide.