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## **System Description**

The Omni 56XXC is VeriFone's CDMA 2000 portable payment device. This version of the Omni 56XX family is running on the CDMA radio network for North America it incorporates a Radio Modem previously certified under FCC ID: N7N-EM3420P operating in the frequency range of 824 – 849MHz and 1850 – 1910MHz which are the 850MHz and 1900MHz bands.

Each device is integrated with the following:

- LCD display
- Magnetic stripe card reader
- Primary smart card reader
- 3 SAM's "Secure Access Module"
- High-speed thermal printer
- Removable/rechargeable battery
- 32-bit RISC processor

## **Omni 56XX System Function Description**

The power source for the Omni 56XX is either a 7.2VDC 1800mAh LI-ION battery module, which is the main power source, or an external AC power adapter that can be plugged into a 100-240VAC source to supply 9.5vdc at 4A.

Communications to the radio are provided by the system CPU serial port 3. The software loaded inside physically and electronically secure area of the Omni 56XX provides further control of the N7N-EM3420P.

User interface is provided through the front keys of the unit with the LCD display providing

Project Manager

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