BLUSTOR
Powerful. Portable. Personal.

SOLUTION OVERVIEW

02 MILITARY MEDICAL CARE

With built-in Bluetooth 4.0 LE connectivity, BluStor can interface wirelessly with smartphones, tablets and laptops, securely transferring data 50 meters at rates more than twice as fast as NFC.

Providing Effective Medical Care in the Field

Military medical personnel work in unforgiving environments. Soldiers are often wounded in remote areas. Without an internet connection to access a soldier's health records, medical personnel may not be able to deliver critical care effectively. The remedy: 'untethered' personal medical records for each soldier.

BluStor is the ideal solution: a smart card that gives medical providers in the field the ability to see a wounded soldier's full medical records, and update files in real time to document medical treatment at each step in the care process. Encounters recorded at a level of care without network connectivity can be written to the card and transported on the card to a level of care with network connectivity.

Today's smart cards are inadequate to meet these demanding requirements. With its unique combination of multi-factor biometrics and large storage capacity, the BluStor smart card is the only solution available today that satisfies these objectives.

For more information, contact Gregory Newman 949.233.7588 | gnewman@blustor.com

Patented Technology

A U.S. patent has been issued for high-capacity smart card with a high-speed reader.

- *Patented High-Speed Smart Card with Flash Memory [US Patent 7,350,717 | Issued April 1, 2008]*

A patent has been filed for the unique combination of form factor, flash memory, energy-harvesting battery system and Bluetooth transceiver.

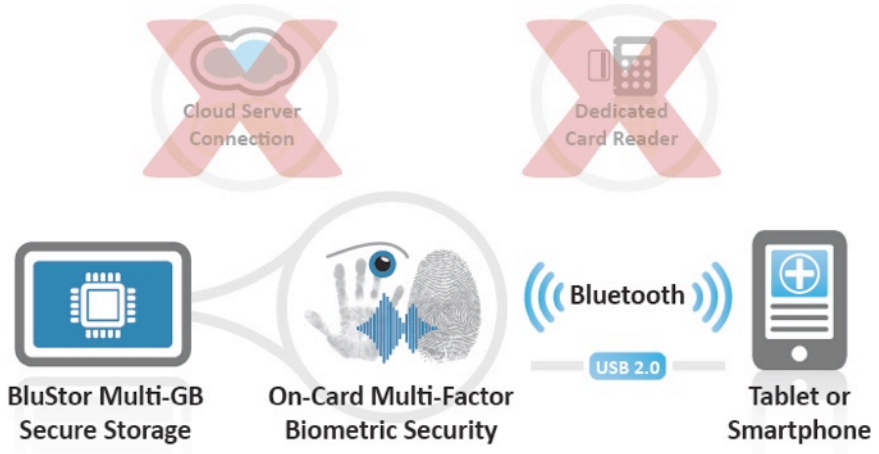
- *Bluetooth Enabled Credit Card with a Large Data Storage Volume [U.S. Utility Patent App. 13/418641 | March 13, 2012]*

With increasing storage and performance, new applications can be enabled. The smart card market is now at the stage that the hard disk drive market was at the introduction of the Seagate 5-1/4" 5MB HDD: the beginning of a major growth opportunity.

BluStor is positioned to drive this market, with patented technology and an executive team that has created and built some of the fastest-growing companies in history.

The Solution: BluStor

The BluStor high-performance smart card platform enables effective, timely delivery of medical services in a an untethered world, through the use of **multi-factor biometric identity authentication and secure high-capacity personal medical records storage**—in a system that does not require a connection to the internet or an expensive, dedicated card reader. **BluStor dramatically increases security and convenience for patients, providers, and third-party payers.** (Watch Walter Hamilton, Chairman International Biometrics & Identification Association, discuss biometrics and smart cards.)



Based on breakthrough technology, the BluStor solution is a flash-based storage device with robust encryption, a Bluetooth transceiver, and an energy-harvesting battery and recharging system—all in the form factor of a credit card. **BluStor meets all of the requirements for a mobile, secure card platform for high-end applications such as health care.**

- Credit card form factor: convenient and backward compatible
- High-capacity flash memory technology
- In-field upgrades via download, without replacing card
- Top-grade encryption, multi-factor biometrics
- High-speed Bluetooth 4.0 and USB 2.0 interfaces
- Paper-thin polymer internal rechargeable battery
- Energy harvesting circuitry

Finis Conner (co-founder Seagate, founder Conner Peripherals) recognized the shift to 'untethered' computing, that today's smart cards are inadequate, and no alternatives exist to address this need. Hence BluStor, the smart card re-imagined: powerful, portable, personal.

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