

Healthcare 2.0

A new paradigm for a secure and streamlined healthcare industry



Total health spending in America is a massive **\$2.7 trillion** every year

Healthcare spending losses to fraud and abuse total **\$272 billion** annually

Medical ID Theft

2.3 million

Americans were victimized in 2014

Over **112 million** records were compromised in 2015

65% of victims paid an average of **\$13,500** to resolve the crime

A single stolen healthcare record on the cyber black market is worth **\$50**

Fraud & Abuse

Every year fraud and improper payment cost the U.S. Medicare and Medicaid programs

\$77 billion

48.2% of fraud losses across the globe come from U.S. card holders. But the U.S. contribution to overall card sales volume worldwide was only **21.4%**

Last year U.S. payment card issuers reported losses due to counterfeiting totaling

\$3.89 billion

Patient Matching Errors

Today **12%** of patient records are mismatched

19% of CIOs cite mismatching as the cause of adverse patient events

An average hospital has **96,000** duplicate records

Solutions to make healthcare more secure at every stage

Strong Authentication

A secure chip-based identity verification process requiring multiple factors and a cryptographic protocol.

Strong authentication assures the identity of patients, providers and connected devices.



Secure Payment

A secure chip-based payment such as payment using the EMV technical standards.

Chip-based payments can reduce card-present fraud for healthcare payers and providers.



Chain of Trust

A technical process that begins with a trust anchor and assures the system as a whole is worthy of trust.

A chain of trust should guarantee the authenticity of the people, issuers, equipment, networks, and other components of the healthcare infrastructure.



Accountability

The process that ensures acceptance and responsibility for actions.

Within the healthcare chain of trust, an auditable review can highlight fraudulent or erroneous activity.



Stages of Care



Each stage of healthcare has risks of fraud, errors, waste and abuse. An identity management solution based on smart card technology can help reduce these risks at each step to reduce fraud, improve quality of care and streamline workflow for healthcare entities.



Risk



Secure Solutions

