Encountering HBC Attacks on PHI

Problem Definition

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Bridging Differences in Compliance Levels

Honest But Curious attacker can be found any place where the records can be used. The problem is: everyone is suspect!!

Different Standards
Different Policies

Information Sharing

Different Security level and practices: High Risk

Trust Negotiations for Secure Data Exchange

* Apply Security Settings
* Issue Trust Tokens
* Negotiate differences
* Exchange data based on trust level only!

Figures: (negotiation flow chart, Trust list, Trust Token, Policy Exchange Token)