

# Tutis Biometric Logon



## Large Scale System Integrator

### - A Case Study

**Industry** – IT Industry (Based in Malaysia)

**Client Background** – Established in the early 90's, the client is one of the leading software services provider in Malaysia. Their SI (System Integration) SBU (Strategic Business Unit) has a successful product base in a variety of application areas, and has consolidated its position in the domestic and local Asian market through its turnkey solutions.

**Business Challenge** – System Integrators are typically faced with issues regarding geographical constraints (multiple client locations) and non-standardized existing processes at customer end. Our client needed a dependable and completely secure Desktop/Server Log-in software for data security and elimination of cumbersome password management system. Apart from this, our client wanted their own PKI (Public Key Infrastructure) based software to interact with the Log-in software for an additional application.

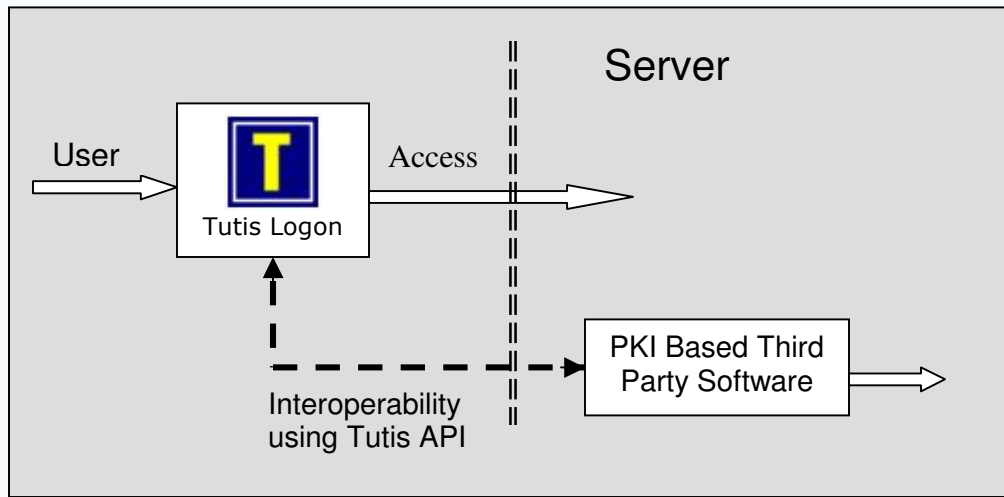
**Existing System** – Data and critical information on the server and client is protected by the conventional 'User ID – Password' login system. This complicated system when applied to large networks (multiple Client-Server network) results in a significant increase in cost and manpower. There is also a possibility of password / identity theft and subsequent misuse.

**Solution Proposed** – After completely understanding the business challenge faced by the organization, Tutis Technologies carried out a phase wise implementation of its security solution 'Tutis Biometric Logon' to help the company redefine their security system for data protection. Some of the features and benefits of the solution are:

- *Fingerprint Based Server protection* for predefined conditional access to sensitive data
- Data Encryption by employees can be viewed later on only by themselves after verification of their fingerprint.
- Password related problems and drawbacks were eliminated
- Supports Windows Active Directory
- Automatic event log is created for login and log-out time for employees

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**Value Addition & Customization** – Major requirement of the client included interoperability of the Log-in software with a separate PKI based software. This involved special customization in the implementation phase and required us to reveal an API that could be used by the software to talk to the Log-in software. This interoperability allowed extraction of event log data by the third party software for any desired application.



This customization was successfully implemented in all the 400 clients and 9 servers of the organization across multiple locations across the country.

Some of the salient benefits to the organization are

- Company can ensure its data is fully protected, both from external threats as well as leakage within the organization
- Password management cost and drawbacks are eliminated
- Event Log available and can be viewed and/or extracted by a third party software using an exposed API of the software
- Simplified and scalable solution to define conditional access

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