

EvaluationPro Application Security

We understand the importance of protecting user and evaluation data is an essential part of an online evaluation program and are committed to providing a safe and secure environment for all clients

When securing an application on the Internet, several security issues must be addressed. Threat to business processing and data can be in the form of natural disasters or equipment failure, or a result of a planned attack on the network or application data.

This white paper explains how EvaluationPro addresses these security issues.

Physical Security

The equipment hosting the EvaluationPro application is located in a secure data center facility with visitation access lists, identification badges, and security cameras. Security personnel supervise the data center facility seven days a week, 24 hours a day. A digital surveillance camera monitors all sections of the network and all installed equipment to help ensure no unauthorized entry to protected areas.

The data center is built and designed to withstand natural disasters, security breaches (physical and cyber), power outages, and networking and computing failures. Security measures, among others, include:

- Mechanical systems with multiple levels of redundancy
- A superior cooling system that ensures climate temperatures do not affect computing power
- An advanced Continuous Power Supply (CPS) system that protects against degraded commercial power and interruptions
- A Very Early Smoke Detection Alarm (VESDA) that constantly samples the air for dangerous particles
- Round-the-clock surveillance

Network Security

For network security, Secure Socket Layer (SSL) is used to establish an encrypted communication channel between clients and the EvaluationPro application.

All ports on the servers unnecessary for the EvaluationPro application or for remote administration are closed.

All connection attempts are logged at the server.

All EvaluationPro administrative users have randomly generated passwords; no two users have the same password.

Database Security

Our company has established a strong database maintenance policy and adequate access control to ensure the EvaluationPro application data is properly secured from attacks from the outside.

The security measures, among others, include:

- All security fixes to the database are applied on a regular basis.
- The database uses integrated authentication.
- The database configuration is regularly evaluated for security breaches.
- Periodical checks are performed on user permissions.
- Periodical checks are performed on all system and non-system objects (tables, views, stored procedures) permissions.

Host Security

We have applied all latest security patches for the operating system utilized by the EvaluationPro application.

Our System Administrator is tasked with keeping up-to-date on current vulnerabilities that may affect the system environment, and our policy is to apply new patches during our maintenance period every week (Saturday, 12am).

Critical updates to the operating system are implemented within 24 hours.