SAFE UPDATE

Regulate File Editors in Production Environments

About Raz-Lee Security

Founded in 1983, Raz-Lee Security is one of the world's leading independent owned cybersecurity and compliance solution providers for IBM i servers (AS/400).

Raz-Lee's flagship iSecurity suite guards organizations against insider threats and unauthorized external access to business-critical information hosted on their IBM i. We have developed cutting-edge solutions that have revolutionized analysis and fortification of IBM i servers.

We build solutions that work with other companies' technologies allowing organizations to monitor IBM i activity via SIEM or DAM dashboards.

Technology Business Partners

imperva IBM McAfee

Akamai RSA SEA SOFTWARE ENGINEERING OF AMERICA

RAZ-LEE iSecurity

About iSecurity Suite

Advanced Threat Protection

- **Anti-Ransomware**
- **Antivirus** / Malware protection
  - **ICAP** Optional Client/Server for Antivirus

Authentication & Authorization

- **MFA** Multi Factor Authentication
- Self **Password Reset**
- **Authority On Demand**

Protection

- **Firewall** FTP, ODBC…access
- Monitor CL **Commands**
- **Safe-Update** to protect production files

Evaluation, Reporting & Alerts

SIEM & DAM Support

Syslog, SNMP, CEF, LEEF

Visualizer

Business Intelligence for Security

Score Cards

for GDPR, SOX, PCI, HIPAA…

Security Investigator

Data Discovery, Authority Inspector, Assessment

Encryption

- DB2 **Field Encryption** (FIELDPROC)
- **PGP File Encryption**

Data Base Solutions

- **AP-Journal** DB Audit, Filter, Alerts, SIEM
- **DB-Gate** Native SQL to Oracle, MSSQL…
- **FileScope** Secured file editor

Auditing & Response

- **Audit** Journal, System Values, Status…
- Proactive re-**Action** in real time
- **Capture** screen activity
- **Compliance** of Users, Objects, IFS
- **Change Tracker** watch Production Libraries

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Safety on Production Environment

Security systems that protect data by preventing the access of programmers to production environments are not enough.

- Occasionally programmers need to conduct some missions and temporarily get *ALLOBJ authority. As there is no way to restrict them to that mission, they became a potential risk.
- Safe-Update's new security layer ensures that only authorized programs are used to update business critical files.

Shadow IT

Some users are stubborn about using the tools allowed by IT Departments, and this “Shadow IT” is always a risk

- Safe-Update implements a workflow that consists of work orders, that specify who can work with the data, the reason for the work, and the limited time during which the work order is valid.

- If an unauthorized update is attempted, a window appears requesting the entry of a ticket.

Protecting Production Environment

- Monitors and protects updates to data according to the program used.
- Uses either a whitelist of allowed programs, or a blacklist of programs that are not allowed.
- Ensures that DFU, Start SQL and file editors are not used in production environments even when *ALLOBJ is in effect.
- Restriction of updates can be removed when the update is only for field marked in advance as “insignificant”.
- Programs that may not update data can read it. They will be stopped when an update is issued.
- Comprehensive workflow of management-approved work orders with tickets opened by preassigned programmers.

iSecurity Safe Update Advantages

- Allows authorized users to create ad-hoc tickets, which are tracked in the same way as work orders.
- Work orders specify the programmer, the files, the updates required and the time frame.
- Tickets are automatically closed if inactive for a period of time.
- Allows updates to fields that are marked as insignificant.
- Subject to the organization policy, ad-hoc tickets might be permitted as well.
- Creates a record of updates, logging who updated the data, who authorized the update, and why it was done.
- Database journal information displayed by AP-Journal commands highlights updates made under Safe-Update permissions.

Thank You

For more information about our company and products please visit

www.razlee.com