



**RAZ-LEE**

**iSecurity MFA**

Multi Factor Authentication

**RAZ-LEE**  
iSecurity

# Who we are

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

- ✓ Corporate offices in: US, Italy, Germany
- ✓ Installed in more than 40 countries, over 12,000 licenses
- ✓ Partnerships with major global SIEM & DAM solution providers



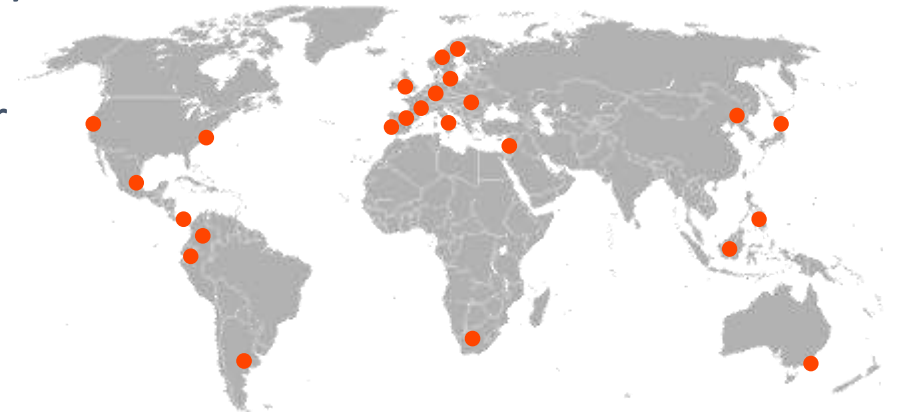
## Some of our Customers



# Our Global Distribution Network

We focus on give solutions and support to all our costumers around the globe.

- ✓ Over 30 companies all over the world can be your Razlee iSecurity Partner.
- ✓ Every reseller and partner is in constant communication with our main offices.
- ✓ We also work with technological partners in the development of new technologies and integration between our solutions.



## Business Partners



# iSecurity Suite helps you with

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- ✓ Auditing and Monitoring Solutions
- ✓ Threat Prevention Solutions
- ✓ Cyber Security Solutions
- ✓ Encryption Solutions
- ✓ Database Solutions
- ✓ Analytics Solutions



PCI, GDPR, HIPAA,  
SOX, JSOX, FDA, Local  
Regulations,  
Auditor's Requests

Security Breach

Management  
Decision

Security  
Assessment  
(free)

### Auditing



- **Audit** Audit Journal, System Values, Status...
- Real-time **Actions**, CL scripts
- **Capture** screen activity
- **Compliance:** Users, Native, IFS
- **Change Tracker**

### Protection



- **Firewall** FTP, ODBC,... access
- **Authority on Demand**
- **MFA** Multi Factor Authentication
- **Password Reset**
- Monitor CL **Commands**
- **Safe-Update** to protect production files

### Cyber



- **Anti-Ransomware**
- **Antivirus protection**
  - **ICAP Client for Antivirus**

### Encryption



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

### Database



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

### Evaluation



#### Visualizer

Business  
Intelligence for  
Security

#### Compliance Evaluator

for GDPR, SOX, PCI,  
HIPAA...

#### SIEM/DAM Support

Syslog, SNMP  
CEF, LEEF

#### Security Investigator

Data Discovery  
Authority Inspector  
Assessment

# iSecurity Multi-Factor Authentication



With rising security threats in today's computer environments, the need for secure authentication is more important than ever.

NIST – the USA National Institute of Standards and Technology defines MFA as:

Using two or more factors to achieve authentication. Factors include:

- ✓ something you know (e.g. password/personal identification number (PIN));
- ✓ something you have (e.g., cryptographic identification device, token);
- ✓ or something you are (e.g., biometric).

[NIST definition of MFA](#)



# iSecurity MFA



NIST gives these MFA scenarios:

- ✓ Swiping your bank card at an ATM and entering a personal ID number (PIN).
- ✓ A website that sends a numeric code to your phone, which is then entered for access.



STEP 1

Login



STEP 2a

Token



STEP 2b

Biometrics

# iSecurity MFA: Advantages



iSecurity/MFA is an advanced Multi Factor Authentication product that has unique advantages.

- ✓ Secures Organization as a whole: Multi-System, Multi-LPAR
- ✓ Based on Persons rather than User ID. Each person may have different User IDs on multiple systems.
- ✓ One MFA authentication performed for a User ID is sufficient for all of that Person's User IDs. This can be limited by time.
- ✓ The MFA process itself is based on location (IP ranges). E.g. it can be defined that MFA is requested only when signing in from outside the office, or that the MFA is always required, and that the Person may not sign in from outside of the office.





# iSecurity MFA: Advantages



iSecurity/MFA is an advanced Multi Factor Authentication product that has unique advantages.

- ✓ The IBM Sign On screen is optionally extended to include the Token field for the MFA.
- ✓ Besides the regular Sign On, MFA can also secure FTP, REXEC, ODBC, File Server etc., even when the relevant exit points are already in use.
- ✓ Based on TOTP tokens (RFC 6238), which can be generated by the free Google Authenticator, Microsoft Authenticator, and many other software or hardware generators. Emergency tokens can also be supported for cases such as when a person loses his phone
- ✓ High Availability is supported.
- ✓ Simple implementation

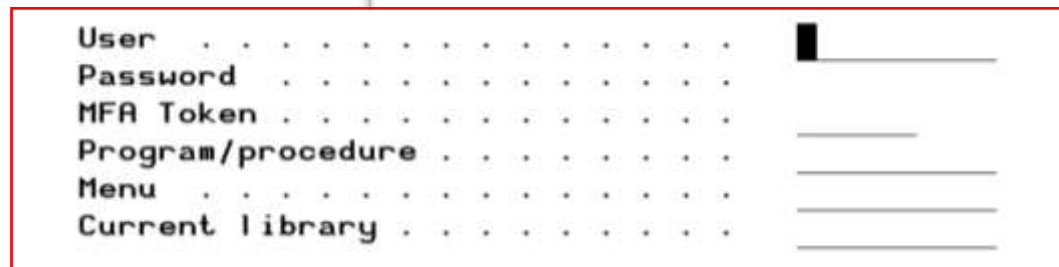
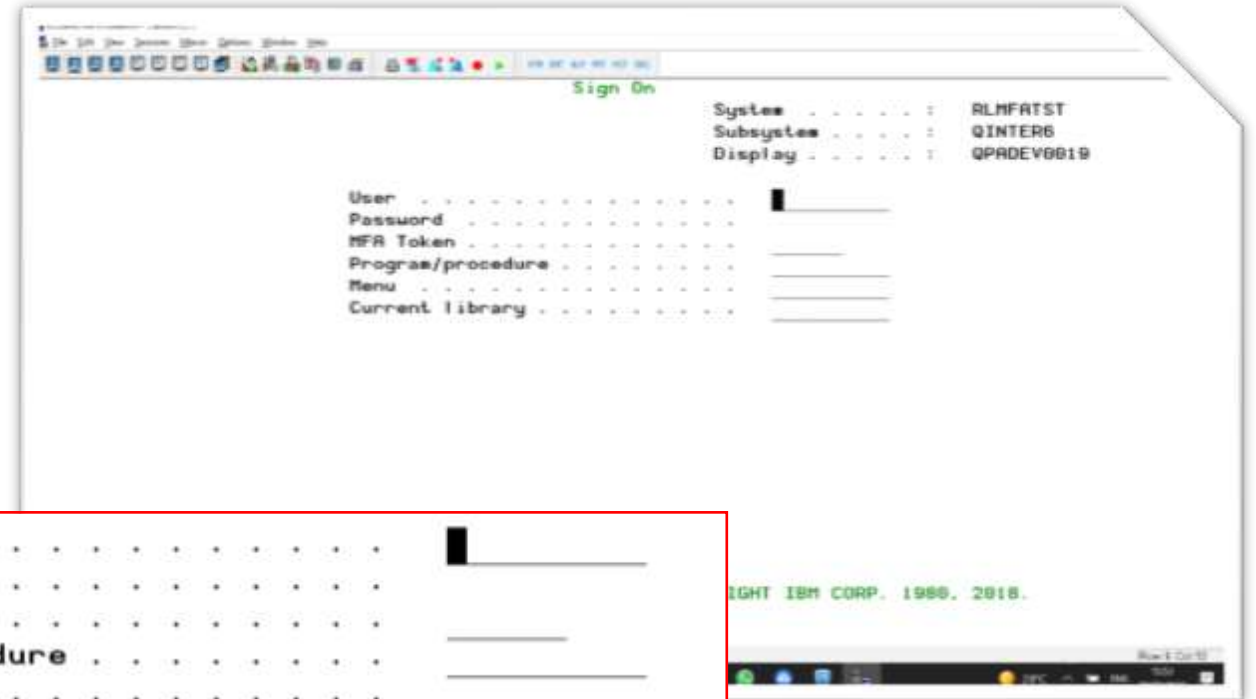


# iSecurity MFA: Advantages



iSecurity MFA does not even need the following features to be used by any organization:

- ✓ No need of additional hardware server. Your IBM i runs it all.
- ✓ No special Phone application is required. Nor special PC application is needed.
- ✓ No knowledge of other operating systems is needed.



# Protection is the Solution

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## Ensure your IBM I Server Security

Nowadays every Server has connections nor just to a LAN, also has a bridge to the internet and other networks, this way connectivity has open a security breach.

But we are ready to keep your IBM i Server as Safe as it is suppose to be, with native tools to work on directly for your benefit.

Discover our Solutions at [www.razlee.com](http://www.razlee.com)



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Thank you

Please get further information at [www.razlee.com](http://www.razlee.com)

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