



# Assure Security



## Complete IBM i Security and Compliance

Assure Security delivers market-leading IBM i security capabilities that help your organization successfully comply with cybersecurity regulations and reduce security vulnerabilities. A comprehensive set of features addresses the key topics on the minds of every security officer and IBM i system administrator, including:

- Assessing security risks
- Monitoring system and database activity
- Detecting compliance deviations and security incidents
- Strengthening login security
- Effectively managing elevated user authority
- Controlling access to systems and data
- Protecting confidential data at-rest from unauthorized access or theft
- Securing data while it is in motion across networks
- Integrating IBM i security data with enterprise SIEM solutions

A common enterprise monitoring dashboard and scripted failover integration with Precisely's Assure MIMIX and Assure QuickEDD high availability solutions simplifies monitoring and switching for users of both Assure Security and Assure Availability products.

## Benefits

- Achieve and maintain compliance with the cybersecurity requirements of GDPR, PCI DSS, HIPAA, CCPA, SOX and other state and industry regulations
- Protect your company's intellectual property and the data of customers, partners and employees from theft
- Quickly detect and effectively address security incidents and compliance deviations
- Automate common security and compliance management tasks
- Comprehensively monitor system and database activity
- Prevent unauthorized access to IBM i systems and data
- Ensure the privacy of confidential data both at-rest and in-motion
- Provide real segregation of duties
- Implement security best practices

## Assure Security

Security Risk Assessment	Compliance Monitoring	Access Control	Data Privacy
Security Assessment	Monitoring and Reporting Data Access Manager	Multi-Factor Authentication Elevated Authority Management System Access Control	Encryption Secure File Transfer

## Assure Security

As a complete IBM i security solution, Assure Security includes features that assess risks, monitor for compliance, ensure data privacy and control access to your systems and data addressing the major security and compliance concerns of any security officer or IBM i administrator.

## Assure Security Risk Assessment

Assure Security Risk Assessment thoroughly examines all aspects of IBM i system security and delivers detailed reports and recommendations for addressing vulnerabilities. Risk assessment services are also available to guide you through the assessment and advise on remediation steps.

## Assure Access Control

Assure Access Control provides comprehensive control of access to IBM i systems and their data through multi-factor authentication, automated management of elevated authorities and comprehensive coverage of all system access points.

**Assure Multi-Factor Authentication** has powerful, flexible rules that allow you to define the users and situations requiring multi-factor authentication. Certified for use with RSA SecurID authentication options, Assure Multi-Factor Authentication also supports RADIUS servers or a Precisely provided authenticator for IBM i.

**Assure Elevated Authority Manager** automates the process of granting user authority on an as-needed and time-limited basis, and comprehensively monitors the actions of elevated user profiles. Powerful rules define the context in which authority can be granted, the method to be used for elevating authority, and more.

**Assure System Access Manager** gives you complete control of legacy and modern points of entry into your IBM i system including network protocols, communications ports, opensource database protocols, and command lines. Its rules engine allows you to control access based on granular criteria including user profile settings, date and time, IP address and more.

## Assure Compliance Monitoring

Assure Compliance Monitoring quickly identifies security and compliance issues by producing alerts and reports on IBM i system activity, database changes and views of Db2 data.

**Assure Monitoring and Reporting** quickly and easily extracts insights from IBM i journal data to deliver alerts and reports on security incidents and compliance deviations. System and database monitoring capabilities are available separately or together. An option is also available to send data directly to your enterprise SIEM solution so that IBM i security can be monitored with all other enterprise platforms.

**Assure Data Access Manager** is a unique, innovative solution that monitors views of highly confidential Db2 data and optionally blocks data from view.

## Assure Data Privacy

Assure Data Privacy protects against unauthorized access and theft through a combination of encryption, tokenization, masking and secure file transfer capabilities.

**Assure Encryption** protects sensitive data at-rest from unauthorized access using NIST-certified AES encryption for IBM i. Optimized for performance, Assure Encryption easily automates encryption and decryption of Db2 data, with built-in masking and access auditing. To keep encryption keys secure, Assure Encryption defends data at-rest using NIST-certified AES encryption for IBM i. It fully supports FIPS 140-2 compliant key managers as well as many leading OASIS KMIP-compliant key managers to enable the use of a common key manager across multiple platforms and encryption solutions. Assure Encryption also provides extensive tokenization capabilities to temporarily or permanently replace confidential information on your server with token values.

**Assure Secure File Transfer** shields data moving across networks from being visible in clear text and provides a valuable layer of automation around the transfer process. Db2 database files, flat files, IFS files, Save files, spooled files and more are encrypted for secure transfer using common protocols such as Secure Shell (SSH SFTP) or Secure FTP (SSL FTPS). Optional PGP encryption is available to protect data at the source and destination.

## Precisely Support

Our support offerings ensure that customers covered by a maintenance agreement will have their issues managed in a timely and efficient manner. Your support management team is available 24x7, including for mission-critical issues after business hours (evenings, weekends and holidays). In addition, we offer a variety of on-line, self-service support tools on our support website (<https://mysupport.syncsort.com/>) including an extensive knowledgebase, incident tracking, software downloads, complete product documentation, and product notifications.