

## Network-wide compliance scores at a Glance

Imagine that each morning, when you reach the office, a customized, color-coded compliance spreadsheet awaits you!

With the information provided by Compliance Evaluator, you can easily determine the overall compliance status of your systems, and, if necessary, ask your IT Manager to investigate specific compliance-related issues.

**iSecurity Compliance Evaluator** provides managers, auditors and systems administrators a quick, yet comprehensive overview of their IBM i's level of compliance with PCI, SOX, HIPAA and other national, industry or enterprise-related regulations.

Using Compliance Evaluator, managers can:

- produce any number of compliance checklists
- select the contents of individual checklists
- structure the report to be produced
- attach varying weights to each report

Compliance Evaluator can be scheduled to run automatically, and its results can be emailed directly from your IBM i to the relevant persons in your organization.

### Features

- Built-in compliance checks for PCI, SOX, HIPAA etc.
- Easy to define site-specific compliance checks
- Color-coded Excel spreadsheet can be emailed directly from IBM i
- Schedule periodic compliance checks
- Produces single score per system and specific scores per topics
- Each item & topic can be allocated individual importance
- All scores displayed as percentages
- Several report templates provided, with different levels of detail
- Unlimited number of reports
- Compliance data presented in both detailed and/or summary format
- User-friendly GUI

Monday, October 26, 2009 Report Filter: T..... Summary (NonBlanks) Exceptions

**iSecurity Compliance Evaluator**  
**Sample PCI Compliance Report**

System: S720 SPROD  
 Compliance Rating: 65% 89%

Item	Topic	Name	Relative Importance	Current Value	Optimal Value	Rank for Topic	Current Value	Optimal Value	Rank for Topic
<b>User Profile Attributes</b>			<b>44%</b>			<b>40%</b>			<b>94%</b>
User Profiles with *ALL OBJ authority				7	0-5		5	0-5	
Users with no password				4	0-10		2	0-10	
Powerful Users				12	0-10		12	0-10	
<b>All System Values Information</b>			<b>35%</b>			<b>68%</b>			<b>73%</b>
Previous end of system indicator *SYCTL QABNDPMSW				0	1		0	1	
Allow object restore option *SEC QALWOBJRST				*ALL	*ALL		*ALL	*ALL	
Require digit in password *SEC QPwDRQDDGT				0	1		1	1	
Minimum Password Length *SEC QPwDMINLEN				5	6-128		0	6-128	
<b>Network Activity</b>			<b>21%</b>			<b>88%</b>			<b>83%</b>
FTP Requests to Production Libraries				4	0-4		2	0-3	
FTPLQIG - FTP Server Logon (*)				12	0-10		4	0-5	
FILSRV - File Server (*)				2	0-10		4	0-3	
Native Access to Production Libraries				2	0-5		2	0-3	

## Compliance Evaluator Reports

Compliance Evaluator reports provide an overall compliance score, as well as specific ratings for topics comprising the compliance standard being evaluated. Individual topic scores are based upon the relative importance of the items comprising the topic and, of course, the item values themselves. Status checks are provided for items such as System Values, Network Attributes, User Profile Attributes and Object Authorities.

The result is a colorful, user-friendly Excel spreadsheet which provides three different views: general (detailed), summary and exception-only displays.

Compliance Evaluator reports are based upon both static system data and time-sensitive data covering actual network transactions. Together, these can highlight unexpected changes in user or system activity, such as how often users access production or system files, how many objects of a given type were accessed during a specific time range, etc. The reports include operational information from QAUDJRN and from actual network activity. Virtually any type of information can be included.

A number of pre-defined compliance checks relating to PCI, SOX, HIPAA and other common security regulations are supplied with the product. Each report can relate to a single server, selected servers or all servers in the enterprise. In addition, site-specific compliance checks can be defined by users through an advanced Eclipse-based GUI.

The results of queries are automatically saved, and can serve as the basis for historical comparisons of compliance status over time.

The screenshots show the Compliance Evaluator software interface. The top window displays a tree view of the system configuration and a list of checks. The middle window shows a detailed view of a specific check, 'Network Activity', with a table of results. The bottom window shows a list of system values with columns for Name, Type, Description, System, and Importance.

Description	Type	Importance
Network Activity	Topic (of Counts)	60
CTRLP - Create User Profile	Item (Count)	100
FTPLLOG - FTP Server Logon (*)	Item (Count)	100
S48K1.246	Item (Count)	100
FILESRV - File Server (*)	Item (Count)	100
RMTSRV - Remote Command/Program	Item (Count)	100
User Profile Attributes	Topic (of Counts)	100
User Profiles with *ALLJOB authority	Item (Count)	100
Users with no password	Item (Count)	100
S48K1.246	Item (Count)	100
PowerfulUsers	Item (Count)	100
All System Values Information	Topic (of Values)	100
All Network Attribute Values	Topic (of Values)	100

Name	Type	Description	System	Importance
QPRTRVT	*MSG	Print text	*ALL	10
QPWIDCHGRBK	*SEC	Minimum time between password changes	*ALL	100
QPWIDEXDITY	*SEC	Password expiration interval	*ALL	100
QPWIDEXPWNA	*SEC	Password Expiration Warning	*ALL	100
QPWIDLATAZ	*SEC	Limit adjacent digits in password	*ALL	100
QPWIDLCHTR	*SEC	Limit characters in password	*ALL	100
QPWIDLTRREP	*SEC	Limit repeating characters in password	*ALL	100
QPWIDLVL	*SEC	Password level	*ALL	100
QPWIDMLNLEN	*SEC	Maximum password length	*ALL	100
QPWIDMLNLEN	*SEC	Minimum password lengths	*ALL	100
QPWIDPOSDF	*SEC	Limit password character positions	*ALL	100
QPWIDRQDGT	*SEC	Require digit in password	*ALL	100
QPWIDRQDQDF	*SEC	Require digit password control	*ALL	100
QPWIDRQDRE	*SEC	Password Rules	*ALL	100
QPWIDVLDPCH	*SEC	Password validation program	*ALL	100
QPWIDVLDLMT	*SYSCTL	Maximum time for PWRDWHNSYS *DIRAED	*ALL	100
QPWIDVLDLTP	*SYSCTL	Automatic IPL after power restored	*ALL	10
QQRDDEGREE	*SYSCTL	Parallel processing degree	*ALL	10
QQRVTLTALMT	*SYSCTL	Query processing time limit	*ALL	10
QRLCLPSTG	*ALC	Retain spool storage	*ALL	100
QRLTBVSEC	*SEC	Retain server security data	*ALL	100
QRMTPL	*SYSCTL	Remote power on and IPL	*ALL	10
QRMTSIGN	*SEC	Remote sign-on control	*ALL	100
QRMTSRVATR	*SYSCTL	Remote service attribute	*ALL	50

Sample Compliance Evaluator Screenshots