

# inforcive™

Data respected.



==>SECURITY\DEMYSTIFIED

## DEMYSTIFYING SECURITY FOR THE SYSTEM i ENTERPRISE

Enforcive/Enterprise Security is the single most comprehensive and easy to use security and compliance solution for IBM's System i®. With nineteen fully integrated GUI-controlled security, reporting and compliance modules, this software suite enables system administrators and auditors to easily manage security and compliance tasks efficiently and effectively.



ACCESS  
CONTROL



MULTIPLE  
SYSTEM  
ADMINISTRATION



SECURITY  
REPORTING  
& FORENSICS



ENTERPRISE  
COMPLIANCE  
AUDITING



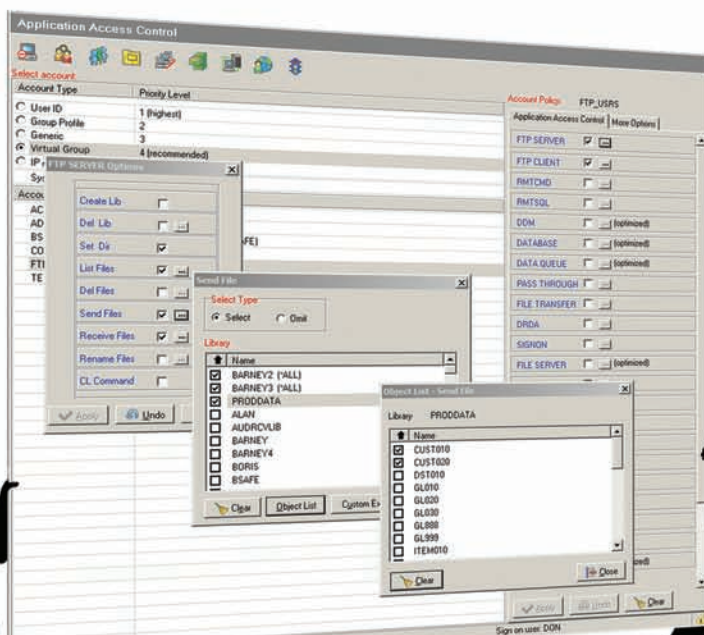
CUSTOMIZABLE  
POLICY  
TEMPLATES



SECURITY  
A.I.

## MANAGING SECURITY: BEYOND THE GREEN SCREEN

In response to today's world of privacy breaches, complex regulatory requirements and evolving threats, Enforcive's Enterprise Security suite enables security officers to identify suspicious behavior on the network, drill down to the appropriate user or object and take appropriate action quickly. The enterprise-wide perspective significantly enhances your current green screen reporting capabilities.



## GRAPHICAL USER INTERFACE: EMPOWERING SECURITY

The Enterprise Security GUI allows users to evaluate and act on security events in real-time. IT security officers can monitor high-level policies enterprise-wide and drill down to the user or object level in a matter of seconds.



## LOCKING DOWN SYSTEM i

Enforcive/Enterprise Security gives you peace of mind regarding System i® lock down. Easily protect your exit points, manage user profiles and implement group policies for all of your enterprise systems. Lockdown is first performed in “warning mode” to allow for the gathering of pertinent security events and patterns to emerge. Once thorough analysis has been conducted, security lockdown and access control can commence through the use of the following modules:



### ✓ APPLICATION ACCESS CONTROL

- Comprehensive exit point control
- Flexible user profile and group permissions
- Authorization by IP address range
- Granular access management down to library, object, object group and IFS
- Account swapping for adopted authority
- Replication of policies across multiple servers
- File protection that prevents power user access

### ✓ APPLICATION ANALYZER

A graphical security event analyzer with event drill down capabilities

### ✓ USER PROFILE MANAGER

Efficient and effective System i® user management

### ✓ OBJECT AUTHORIZATION MANAGER

GUI-based control of native object authority

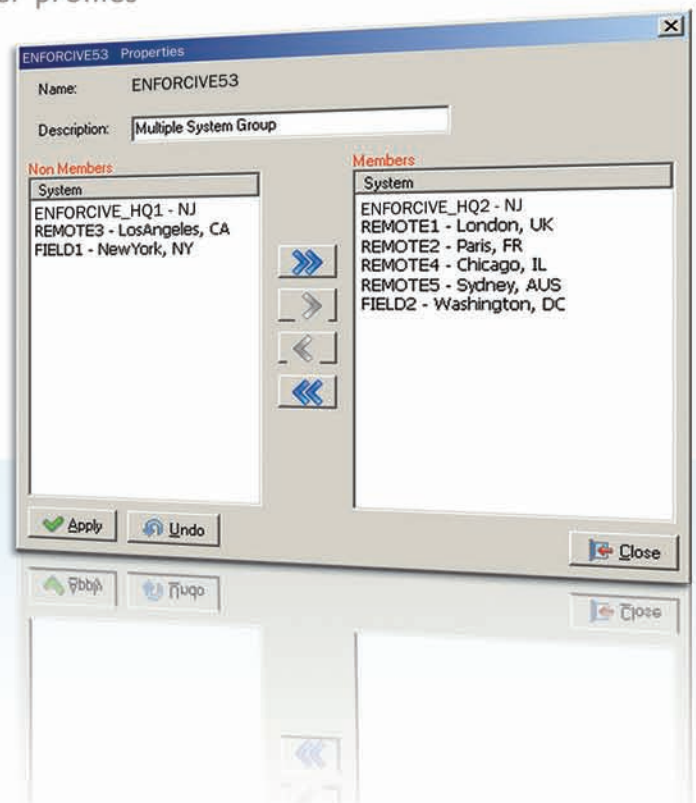
### ✓ SESSION TIME-OUT & INACTIVE USER CONTROL

Account-specific session time-out and inactive user policies to ensure proper login access with ad hoc restoration of deleted user profiles

## MULTIPLE SYSTEM MANAGEMENT

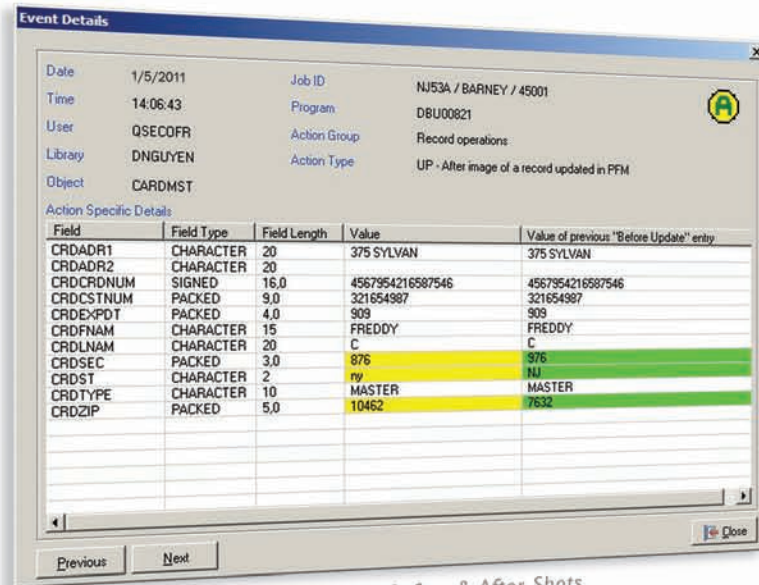
Managing security by grouping systems, significantly reduces reporting overload and simplifies enterprise level security policy implementation via:

- **Access Control Policy Replication** to remote systems
- **User Profile Propagation** across systems
- **Cross-System Compliance** reporting and auditing



## REPORTS YOUR AUDITORS WILL APPRECIATE

Enforcive's Report Generator gives you control over integrating and presenting system data to meet the specific needs of your organization. Information such as power user activities, changes to sensitive data and system by system comparisons can be organized to best meet audit criteria using scope definitions, field selection, filter criteria, field sorting and Boolean Logic. Once created, these reports can be sent to your auditors in PDF, HTML and CSV formats.



The screenshot shows a window titled "Event Details" with a table of field-level auditing data. The table has columns for Field, Field Type, Field Length, Value, and Value of previous "Before Update" entry. The data is as follows:

Field	Field Type	Field Length	Value	Value of previous "Before Update" entry
CRDADR1	CHARACTER	20	375 SYLVAN	375 SYLVAN
CRDADR2	CHARACTER	20		
CRDCRDNUM	SIGNED	16,0	4567954216587546	4567954216587546
CRDCSTNUM	PACKED	9,0	321654987	321654987
CRDEPDT	PACKED	4,0	909	909
CRDFNAM	CHARACTER	15	FREDDY	FREDDY
CRDLNAM	CHARACTER	20	C	C
CRDSEC	PACKED	3,0	876	376
CRDST	CHARACTER	2	nv	NJ
CRDTYPE	CHARACTER	10	MASTER	MASTER
CRDZIP	PACKED	5,0	10462	7632

Field-Level Auditing: Before & After Shots

## FIELD-LEVEL AUDITING

Enforcive's field level auditing provides comprehensive tracking with "Before" and "After" images for monitoring changes to sensitive data.

## DEMONSTRATING SECURITY

Enforcive/Enterprise Security offers versatile reporting capabilities. Samples of these reports include:

- System Value
- PCI Compliance
- SOX Compliance
- HIPAA Compliance
- Canadian Bill 198 Compliance
- GLBA Compliance
- Basel II Compliance
- Power User Activities
- User Profile Changes
- Detailed System Audit
- Object Authority
- Object Description
- Field-Level Auditing





## TEMPLATE-BASED COMPLIANCE MANAGEMENT

Demystify the difficult task of enterprise-wide compliance management and deviation monitoring with easily defined templates that address regulatory requirements such as PCI, SOX, HIPAA and GLBA.

The screenshot displays the 'Compliance Administration' software interface. At the top, there is a 'Policy List' table with columns for 'Template Name', 'Template Description', 'Category', 'Last Check', and 'Last Check User'. A magnifying glass highlights the 'PCI\_OBIAUT' template, which is described as 'Powerful users'. An orange callout box points to this template with the text: 'POLICY TEMPLATE: Not Compliant with PCI'. Below the policy list, the 'Event Details' window is open, showing a table with columns for 'Date', 'Time', 'System Name', 'Applicat', 'From Date', and 'To Date'. The event details include: Date: 2/29/2008, Time: 12:07:12, System Name: S105-RFM, Application: Compliance, Policy: PWD, Library: DNGUYEN, Object: CARDMST - Credit card master, Object Type: \*FILE, Action Type: Object authority deviations, Action: \*USE, and Attribute: \*PUBLIC DARLENE. Two magnifying glasses highlight the 'System Value' (NO VALUE FOUND) and 'Policy Value' (\*EXCLUDE \*USE). An orange callout box on the left points to the event details with the text: 'DEVIATION: \*PUBLIC has \*USE access'. A blue callout box on the right points to the policy value with the text: 'POLICY: \*PUBLIC is \*EXCLUDE from CARDMST'.

## COMPLIANCE DEVIATION MONITORING AND ENFORCEMENT

Once compliance templates are in place, system administrators, security officers and auditors can view deviations from compliance policy throughout the enterprise. Enforcing compliance rules can be achieved with the click of a mouse. Some of the benefits of managing compliance through Enforcive's templates include:

- Improved Synergy between Business and Technology Units
- Accelerated Compliance Timelines
- Protection of Consumer Data (PCI, State Privacy Regulations)
- Ensuring Data Integrity
- Centralized Security Policy Enforcement (PCI, SOX, GLBA, Canadian Bill 198)
- Streamlined Management of User Capabilities (SOX, HIPAA, Basel II, COBIT)
- Segregation of Duties



## ENABLING ENTERPRISE-WIDE COMPLIANCE

Enforcive/Enterprise Security assists diverse teams in unifying their compliance efforts by eliminating redundancy and reducing the complexity of regulatory adherence. Compliance can be achieved by using:



### POLICY COMPLIANCE MANAGER

Template-based control of native definitions, deviation reporting and remediation

### ALERT CENTER

Intrusion detection System (IDS) providing instant alerts for compliance deviations

### SOX COMPLIANCE TOOLKIT

Essential reports and alerts addressing Sarbanes-Oxley requirements

### ADMINISTRATION ROLE MANAGER

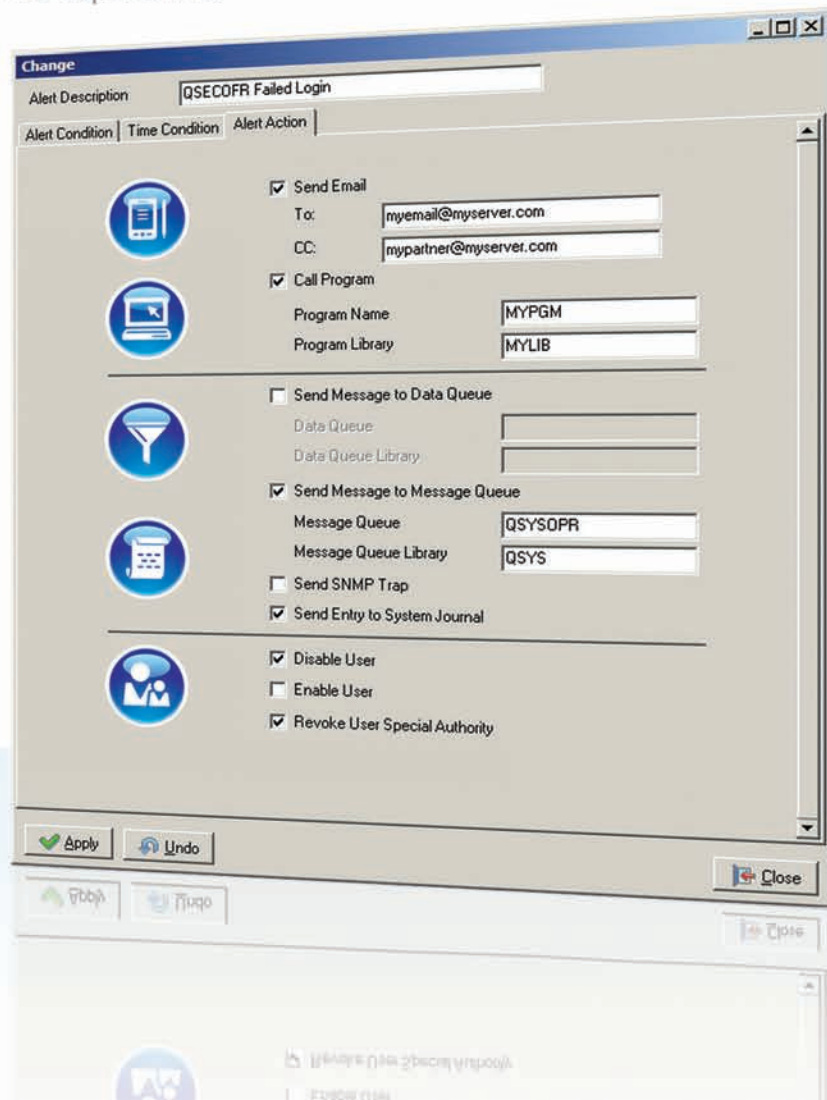
Tailor specific security administration roles to facilitate separation of duties

### HELP DESK ASSISTANT

Offload your help desk tasks while maintaining security and compliance requirements

## COMPLIANCE DRIVEN ALERTS

Enforcive provides a host of alerting and intrusion detection tools to enable real-time security and compliance monitoring through the use of e-mail and text messages. Also included are A.I.-driven system responses such as disabling a user or revoking special authority status for particularly egregious violations.





## **PROFESSIONAL SERVICES**

Enforcive's Professional Services team combines years of security experience and expertise to add value to your IT team. Whether you are preparing for a single-site audit or a multi-faceted enterprise implementation, our Professional Services enables you to:

- **Step Up Security**
- **Accelerate Compliance Implementation**
- **Avoid Regulatory Pitfalls by Applying Proven Best Practices**
- **Enhance your IT Team's Value and Expertise**
- **Reduce Cost of Ownership**
- **Mitigate Security Risks**

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Enforcive/Enterprise Security Analyzer: patent 1326452. | Enforcive/Enterprise Security registered as IBM product no. 5620DLJ.  
U S Patent Application no. 11/6/6,913. | Enforcive/Field Masking Patent Pending.