



# PIREAN

Together We're Smarter.

## Pirean Continuous Controls for System z System z Adapter for ITIM

**Pirean's Continuous Controls for System z leverages a new Adapter for IBM Tivoli Identity Manager (ITIM) which extends the reach of IBM's RACF Adapter, bringing total visibility of System z Security to the Tivoli Identity Management platform.**

Integrating Tivoli zSecure and Tivoli Identity Manager, the Pirean System z Adapter extends the solution portfolio to enable comprehensive compliance management on System z from within the Tivoli Identity Manager console. For the first time, detailed information previously only visible through the native z/os toolset or zAudit interface is available through the companywide identity management console.

### MANAGEMENT BEYOND ROLES

IBM Tivoli Identity Manager combined with the IBM RACF Adapter manages users and groups only; it is unable to collect more detailed information from RACF.

With Pirean's System z Adapter, user account data within ITIM is augmented with data extracted from custom zSecure reports, enabling us to present detailed z security compliance information on the Account Management screens including:

- RACF Access Control Lists
- Visibility of permissions as well as roles
- z/OS Unix access
- Trust Relationships
- Indirect privileges
- Scope of Admin
- Privileged user reach

In addition the solution provides a new set of Audit reports, accessed through the ITIM Console including:

- System-wide audit using zSecure
- A report highlighting the biggest configuration weaknesses
- Detailed RACF Audit reports
- Visibility of focus areas to properly harden your System z estate

With our extended System Z Adapter for ITIM, recertification decisions can be made with a view of the permissions and trusts granted to a user - including the previously invisible Unix permissions and indirect privileges. Pirean have enabled detailed compliance management on System z within Tivoli Identity Manager.

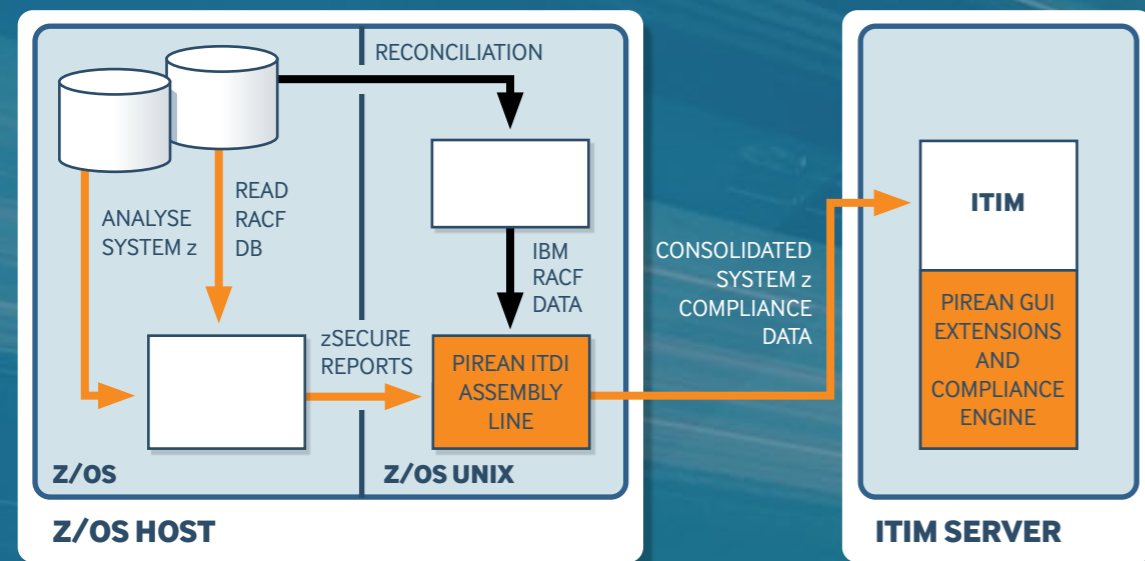
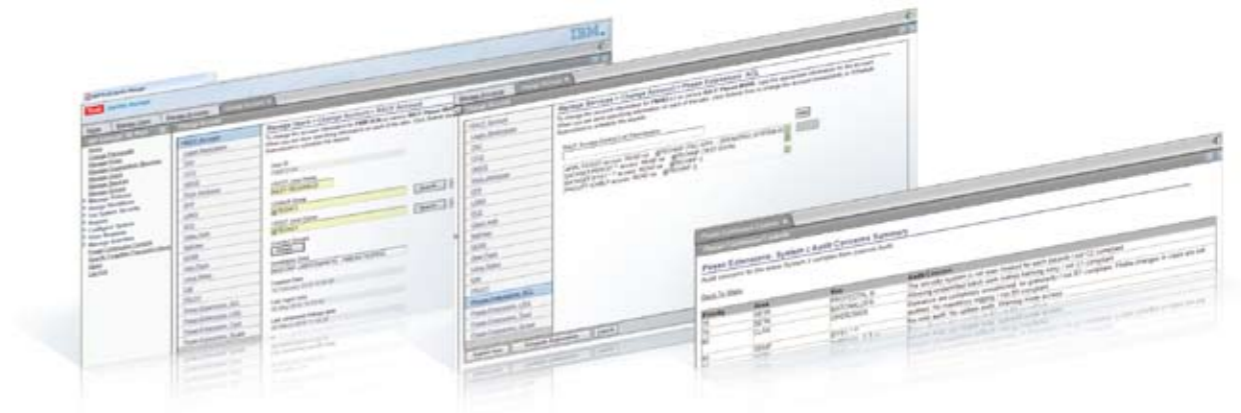
**Presenting the permissions and trust data to the recertifying manager right within ITIM takes the load off the RACF administrators and places control where the responsibility lies, with the business managers via their tool of choice: IBM Tivoli Identity Manager.**

### KEY FEATURES

- zSecure reporting engine which analyses System z and extracts detailed security data
- Custom adapter for ITIM which imports System z security data
- Custom Directory Integrator assembly line to combine new data with IBM RACF Adapter data
- Integrated reporting
- Z focused enhancements to the ITIM GUI
- Integration with Pirean Compliance:One – offering enterprise security compliance management with focus on Sarbanes-Oxley

## LEVERAGING THE POWER OF TIVOLI

PIREAN HAVE INTEGRATED ZSECURE'S SYSTEM Z AUDITING TOOLS WITH IBM TIVOLI IDENTITY MANAGER – PROVIDING A CENTRAL VIEW OF SECURITY ACROSS THE DISTRIBUTED AND MAINFRAME ESTATES. WORKING TOGETHER THEY CAN SIMPLIFY AND IMPROVE THE EFFECTIVENESS OF YOUR COMPLIANCE ACTIVITIES.



“WORKING WITH MAJOR BLUE CHIP COMPANIES AND LARGE FINANCIAL INSTITUTIONS, WE SAW THAT MANY ORGANISATIONS STILL MAINTAIN A SILO BASED APPROACH TO SECURITY COMPLIANCE WHEN IT COMES TO MANAGING BOTH DISTRIBUTED AND MAINFRAME ENVIRONMENTS. WE DEVELOPED ‘CONTINUOUS CONTROLS FOR Z’ TO ENSURE THAT SECURITY COMPLIANCE WAS END TO END, MAINFRAME TO WINDOWS, ALL MANAGED FROM A CENTRAL CONSOLE.”

MIKE CARTWRIGHT  
CTO, PIREAN

## SYSTEM Z CONSULTANCY FROM PIREAN

Pirean's Extended System z Adapter for ITIM is our flagship product for Z, backed by a full range of System z Security Consultancy services including:

- Auditing and Remediation, Security Policy Enforcement, hardening and RACF cleanse, split, merge and synchronization
- Compliance including Role Based Access Control and Least Privilege enforcement, SOX compliance and ISO27000 certification
- Targeted security audits including Unix System Services, System z IP Stack, Cryptographic Services
- Availability and Performance Monitoring
- Change and Configuration Management
- Tivoli installation, training and consultancy

WHATEVER YOUR SYSTEM Z NEEDS, PIREAN CAN HELP.

## POWERFUL AUDITING TOOLS

Along with these extensions to the User Account features in ITIM, a new suite of Compliance reports are available including a system wide Audit-focused report. Built on the famous zSecure Audit Concerns reporting feature, managers can now assess System z security against the B1 standard from within the ITIM console.

## ENHANCED ACCOUNT MANAGEMENT

Extending IBM Tivoli Identity Manager to capture an accurate picture of a user's access rights and the otherwise hidden privileges within RACF, z/OS and Unix System Services, the Pirean System z Adapter complements your ITIM implementation with the ability to accurately review a user's mainframe access rights.



To find out how we can help enable your System z implementation, visit:  
[www.pirean.com/Systemz](http://www.pirean.com/Systemz)

**To find out how Pirean can  
enable your enterprise  
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## About Pirean

Pirean is a leading technology partner and consultancy delivering real-time business and service assurance through solutions for infrastructure and application management.

Working in partnership with Pirean, your business will quickly realise the full potential of your infrastructure. We focus on helping our clients to achieve their business goals and providing them with ongoing support through proven capabilities in:

- Consulting
- Technology
- Outsourcing

We deliver the visibility, control and automation capability that you need from your infrastructure and applications to deliver robust, highly available and streamlined business services while managing risk and compliance.

Our unique blend of consulting services and technical capabilities enable us to help you take a strategic view of your business; where you are, where you want to go and how to better leverage the resources you have to get there.

**We deliver expert support for Infrastructure, Service and Security Management platforms using IBM technologies throughout the life of your solution from design and build through delivery and into ongoing performance improvement and support.**

Pirean's accolades include the IBM 'Business Partner Innovation Award' (2008) 'Beacon Award Finalist – Outstanding Service Management Tivoli Solution' (2009) and the IBM Tivoli Business Partner Service Management Solution Award (2010).

In March 2010, Pirean was officially recognised by IBM Tivoli Software as the most accredited Tivoli business partner in the world, based on the Tivoli AAA Deployment Accreditation initiative. The company holds 14 of IBM's AAA, AA and A Tivoli Accreditations spanning Security and IT Service delivery. Pirean is the first and only Partner to hold IBM Tivoli AAA status, the highest authorised level, across both IT Service and Security Management.



\*Source: IBM, based on AAA accreditations for IT Service Management and Security