



ROYAL CYBER
Modernized e-business solutions

Tivoli Identity Manager

Manage your Identities with Tivoli Identity Manager



Modernized e-business Solutions
Your Partner in Technology





Agenda

- Who We Are
- Royal Cyber Security Expertise
- Webinar Presentation
- Technical Demo
- Questions and Answers



3 Key Take Aways

Royal Cyber Security Services
and Solutions Offering

How Royal Cyber can help you in
Security Solution Implementation

Why to choose RC



Who we are?

Established:

Based in Illinois (USA), serving multiple industries including many Fortune 500 companies since 1997 by experienced IT professionals.

- To offer cutting edge IT services globally
- help organizations both in Public and Private sector to improve and modernize their services
- supplementing organization's skill set with team augmentation
- On-site resource deployment
- Improved Return-on-Investment (ROI) by taking projects offshore

Achievements:

To date, Royal Cyber Inc. has grown into a reputable IT firm not only in USA but also in European, Middle Eastern and South Asian Markets.



Vision & Mission

"Shaping lives of our customers with state-of-the-art technology solutions, leadership, vision, innovation and partnerships"

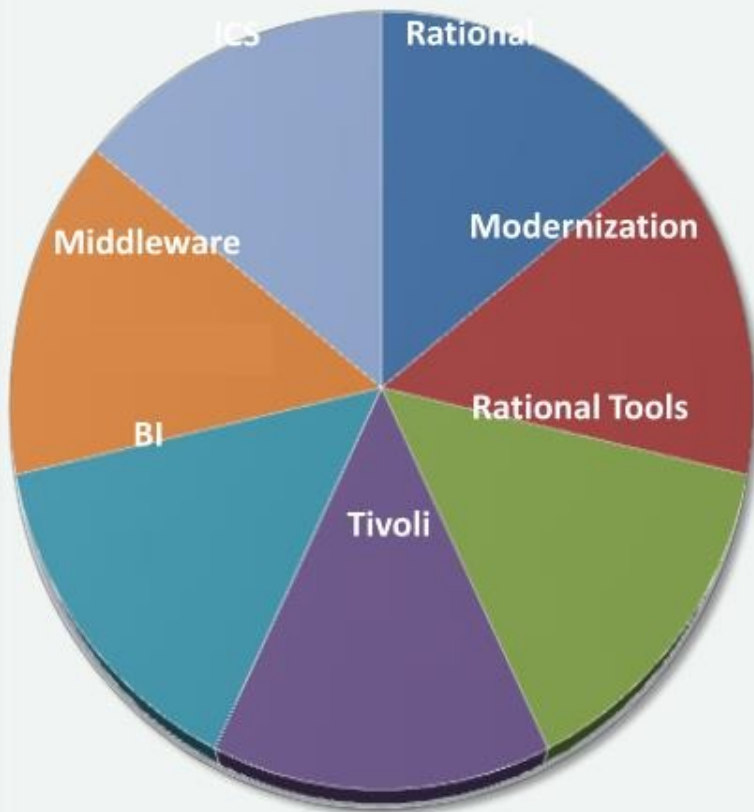


Royal Cyber Business Model





Brand Coverage



IBM Security Solution : Tivoli Identity Management , Access Management , End-Point Management , AppScan

ICS: Portal , BPM , Lotus

Enterprise Modernization:
IBM Rational HATS, EGL, RME

WebSphere: Application Server, Process Server, WebSphere XD, Edge Server

Middleware: WebSphere MQ, Message Broker, ESB, DataPower, ILog

Tivoli: Automation , Security , Storage Management

Business Intelligence: DB2, COGNOS, SPSS

Enterprise Content Management: FileNet , ICA



Platform Coverage

Mainframe (System Z)

Legacy Systems (iseries , p series)

Power Systems

Sun

Wintel

AIX , UNIX , Linux

z/OS , VM



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Royal Cyber Inc. Partners



- IBM Premier Business Partner
- IBM Authorized Trainer





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Our Loyal Clientele

Have a look at some of our happy customers belonging from different industries from Automobiles to Healthcare to Media. Royal Cyber is proud to serve them and is dedicated to their success.

FINANCIALS



RESEARCH & TECHNOLOGY



MANUFACTURING & RETAIL



AUTOMOBILE



TELECOMMUNICATIONS / REAL ESTATE / MEDIA



HEALTH CARE & LIFE SCIENCES / INSURANCE / LEGAL





Royal Cyber **Security Solutions Coverage**





Today's Webinar : Tivoli Identity Manager (TIM)

1. **Technical Presentation** by Rameez Ali ,
Technical Consultant for TIM
2. **Product Demo** with use case scenarios
3. **Q/A** session





ROYAL CYBER

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Agenda

- Identity and Identity Management : Overview
- Aspects of Identity Management: Who, What and How
- Scenario
- Demo
- Q/A



Identity and Identity Management: *Overview*

Identity

Who the user is
What is he allowed to access
When resources are provided



Identity Management Software

- *Establishes the identity*
- *Describes the identity*
- *Follow identity activity*
- *Destroys the identity*





The **Who** in Identity Management

Who ———> Users ———> people who need access to resources.

Users can be internal or external to the organization.

- Employees
- Customers
- Business Partners
- Citizens



*Jane Doe's
HR information*

HR System

Name: Jane Doe
Dept: Accounting
Manager: John Smith
Address: 10 Main St.
Tel. No: 555-1212
Bus Role: Benefits Administrator



The **What** in Identity Management

What Accounts give people access to resources.

Examples of Resources:

Operating Systems
Databases
Applications
Directories

UNIX, Windows
DB2, Oracle
SAP, Lotus Notes
Active Directory



UNIX: jdoe
Group: dbadmin



AD: janedoe
Group: Domain users
and InvoiceMat



RACF: jd044595

The user account generally consists of:

- A userid
 - Password
 - Group or role assignments
- grant initial access
- grant access/privileges



How is access granted

People - who



Policy



Resources- what



- Policy defines who can access resources.
- Policy is made up of membership and entitlements
- Policy Membership can be defined through Roles
 - Business Roles** – encompass the kind of job that a person does
 - Application Roles** – encompass the kind of access that the person requires
- Entitlements: determines the values for the account attributes and pre-fills the information
 - **Windows Active Directory entitlements:** Force Password change, company name, default password, primary group, etc
- Workflow and Approvals define the business process and ensure that the right people are given the right access.

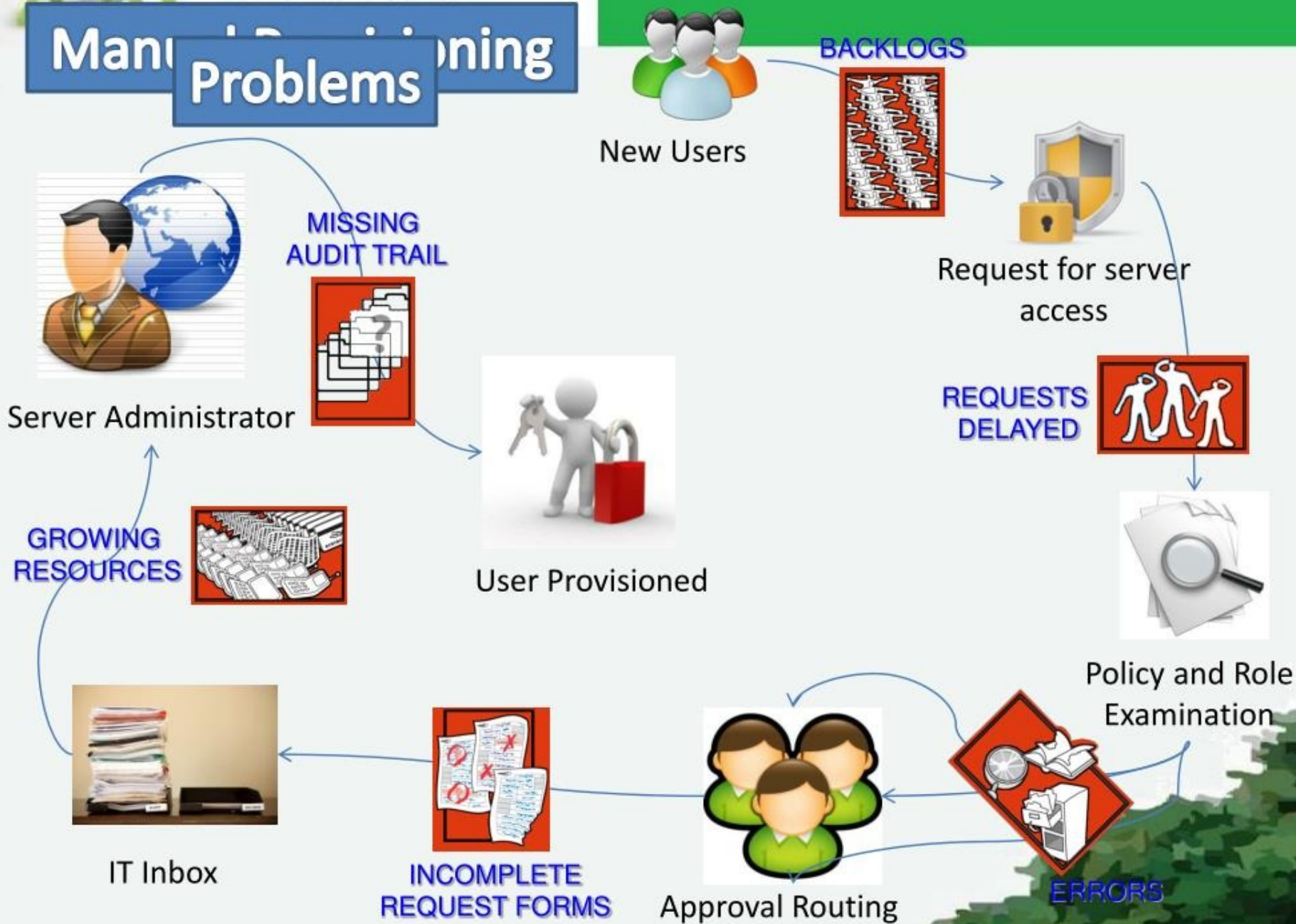


Identity Management Software connects **who** to **what** through **how**



- Manages existing users identities
 - Automates the creation of new identities
 - Maintains enterprise wide Identity records for reports and audits.
- Maintains a unique identity-entitlement map for the enterprise
- Manages existing entitlements, membership and accounts.
 - Automates the creation of new entitlements.
 - Maintains enterprise-wide entitlement records for reports and audits.

Managing Provisioning Problems





Password Compromised!





Scenario: ABC Corporation

ABC Corporation

A large accounting firm
Company is growing both organically
and through acquisition

*As a result has many fragmented
information technology systems and
processes for managing its business.*

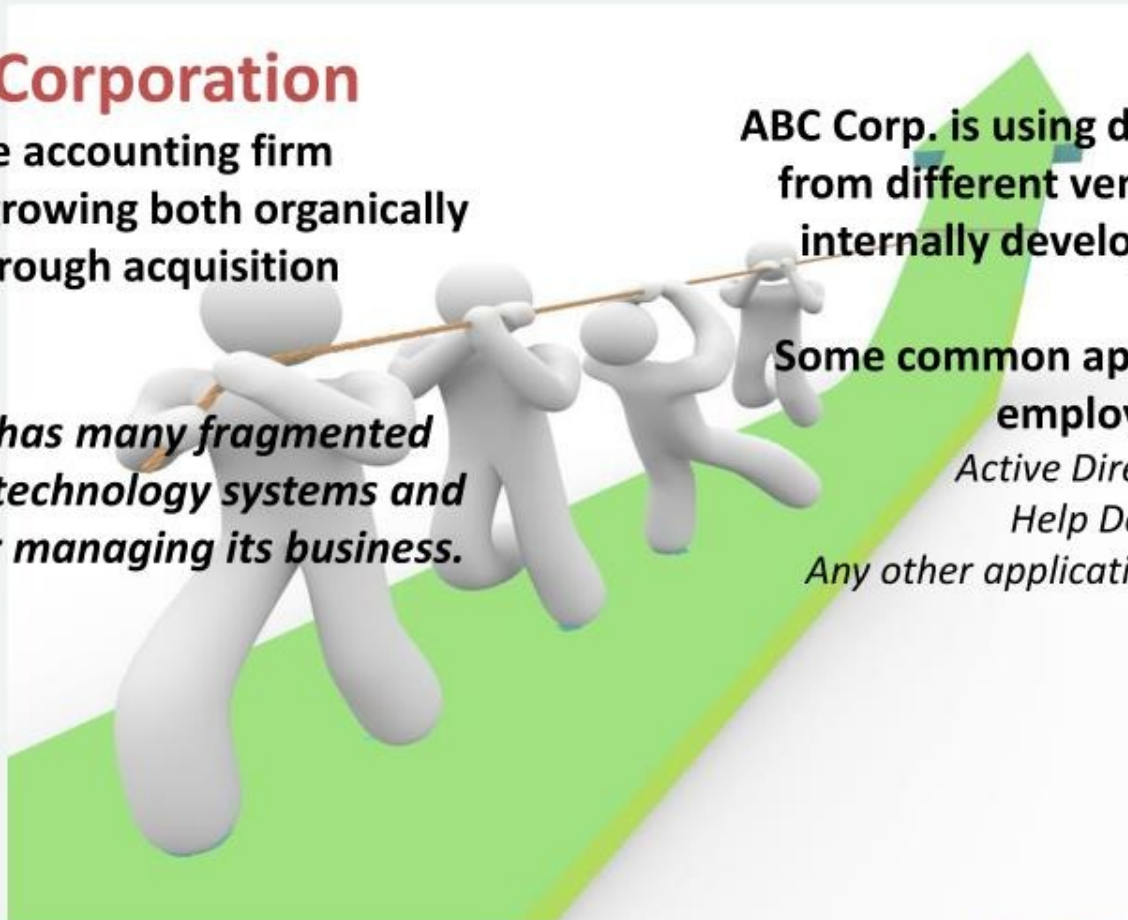
ABC Corp. is using different software
from different vendors as well as
internally developed software.

Some common applications to all
employees

Active Directory Server

Help Desk Portal

Any other application such lotus domino





Scenario: ABC Corporation

Internal Policies have been **defined** but difficult to **manage**.

For example: Rules for creating IDs, Password Complexity, Provisioning Process, Separation of Duty Policies



Managers away from the office or on vacation often have no way to **delegate approvals** to other individuals



Requirement of following many **securities regulations** and performing **regular internal audits**



High cost of

- 1) Facilitating calls for password resets
- 2) Increasing administrative resources



Managing identities is time-consuming



Failure to quickly respond to access rights audit and reports





Problem Solution

Current business practices:

- Need for tightened security
- Accelerated user changes
- Reduced operating costs

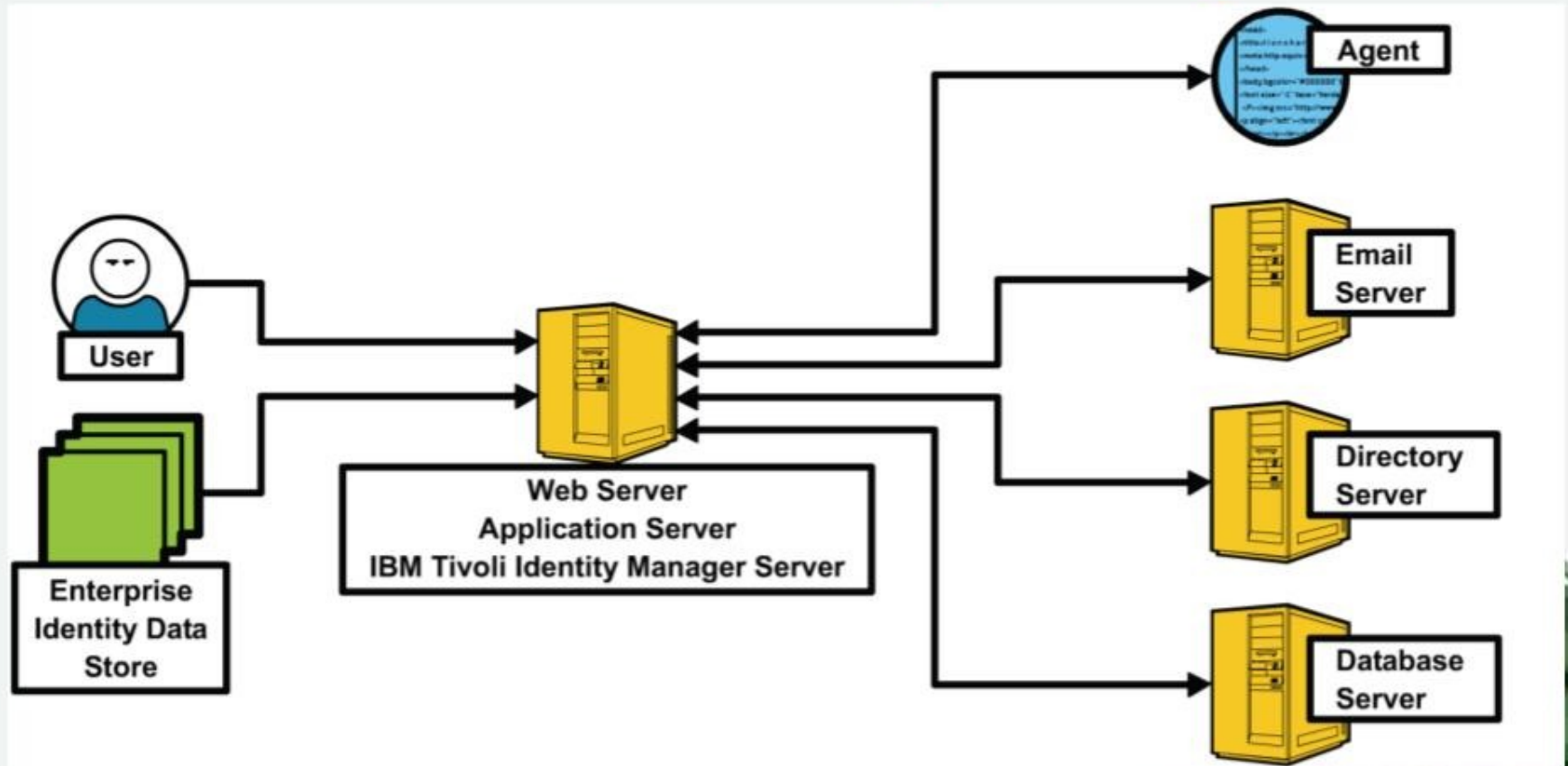
Provisioning these resources and managing who gets what is not only risky but is also a time-consuming process

IBM Tivoli Identity Manager





Basic Architecture of IBM Tivoli Identity Manager





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DEMO





Return on Investment

Hard Dollar ROI

Reduce cost associated with provisioning

\$200 saving per user

Reduce management overhead

40% of help desk calls are related to
password reset

Soft Dollar ROI

Reduce time to provide user access

days to minutes

Reduce time to de-provision resources

automatic

Reduce threat of security breach

policy managed access





Why IBM Tivoli Identity Manager?

- IBM Tivoli Identity and Access Assurance (TIAA) beat out Microsoft, Novell, CA and others to win SC Magazine's 2011 award for the **Best Identity Management Application** ([LINK](#))
- IBM named **Best Security Company**, winning the award for 2010's #1 security company for 2010 by SC Magazine – [LINK](#)
- Gartner Magic Quadrant for Web Access Management – IBM is ranked in the **leaders** quadrant – [LINK](#)
- Gartner MarketScope for Enterprise Single Sign-On – IBM is ranked as **Strong Positive** – [LINK](#)
- Gartner Magic Quadrant for SIEM – Q1 Labs is ranked in the **leaders** quadrant - [LINK](#)
- IDC Worldwide Identity and Access Management 2009-2013 Forecast Update and 2008 Vendor Shares – IDC ranks IBM as the **overall worldwide identity and access management security software revenue leader** for the third straight year – [LINK](#)





Thank
You

Q&A

