

SAP GRC - Plataforma Corporativa de Gobierno para el Mundo Digital

Jorge Pérez
Sales Director - Business Analytics & Insights



Las nuevas tendencias macro en tecnologías que están posibilitando la transformación digital



Hiper Conectividad

Todos con acceso



Super Computación

Supercapacidad de computación en todo



Cloud Computing

La nube está donde procesamos información



Mundo Inteligente

La nevera sabe lo que quieres para cenar.



CiberSeguridad

Super seguridad debería ser ahora la norma

Mas de 2.500 clientes....



The

Soluciones SAP GRC en 2016

Simplificar, ganar en visibilidad y en capacidad de control



SAP Access Control

Enable business-driven access governance



SAP Access Violation Management by Greenlight

Identify and quantify the impact of actual access risk violations



SAP Dynamic Authorization Management by NextLabs

Secure applications, protect application data, and simplify role management



SAP Regulation Management by Greenlight, cyber governance edition

Manage cyber-related regulatory requirements and align with internal controls



SAP Process Control

Maintain effective controls and ongoing compliance



SAP Regulation Management by Greenlight

Manage regulatory requirements and align with internal control activities



SAP Risk Management

Preserve and grow value with enterprise risk management



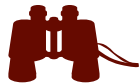
SAP Audit Management

Transform auditing and move beyond assurance



SAP Fraud Management

Detect and prevent fraud better



SAP Business Partner Screening

Grow your business network with confidence



SAP Global Trade Services

Optimize global trade and screen restricted parties



SAP Technical Data Export Compliance by NextLabs

Automate trade compliance for digital goods and technical data



SAP Electronic Invoicing for Brazil

Meet electronic invoicing requirements for Brazil

¿De qué estamos hablando?



Claves de la plataforma SAP GRC

Simple, Potente, Robusta

Simple

Potente

Robusta

Soluciones SAP para GRC y Ciberseguridad



Gobierno de Accesos



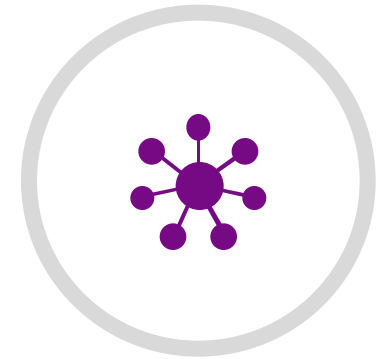
Riesgos de
Ciberseguridad y
Cibergobierno



Tres líneas de
Defensa



Gestión de comercio
internacional



Gestión de Fraude y
Chequeo de
Contrapartes

Solutions for GRC and security from SAP

Three lines of defense



First line of defense

Control business operations and control risks in business activities

Second line of defense

Assess entity-level risk and manage compliance activities

Third line of defense

Provide independent assurance



SAP Risk Management

Preserve and grow value with enterprise risk management



SAP Audit Management

Transform auditing and move beyond assurance



SAP Process Control

Maintain effective controls and ongoing compliance



SAP Regulation Management by Greenlight

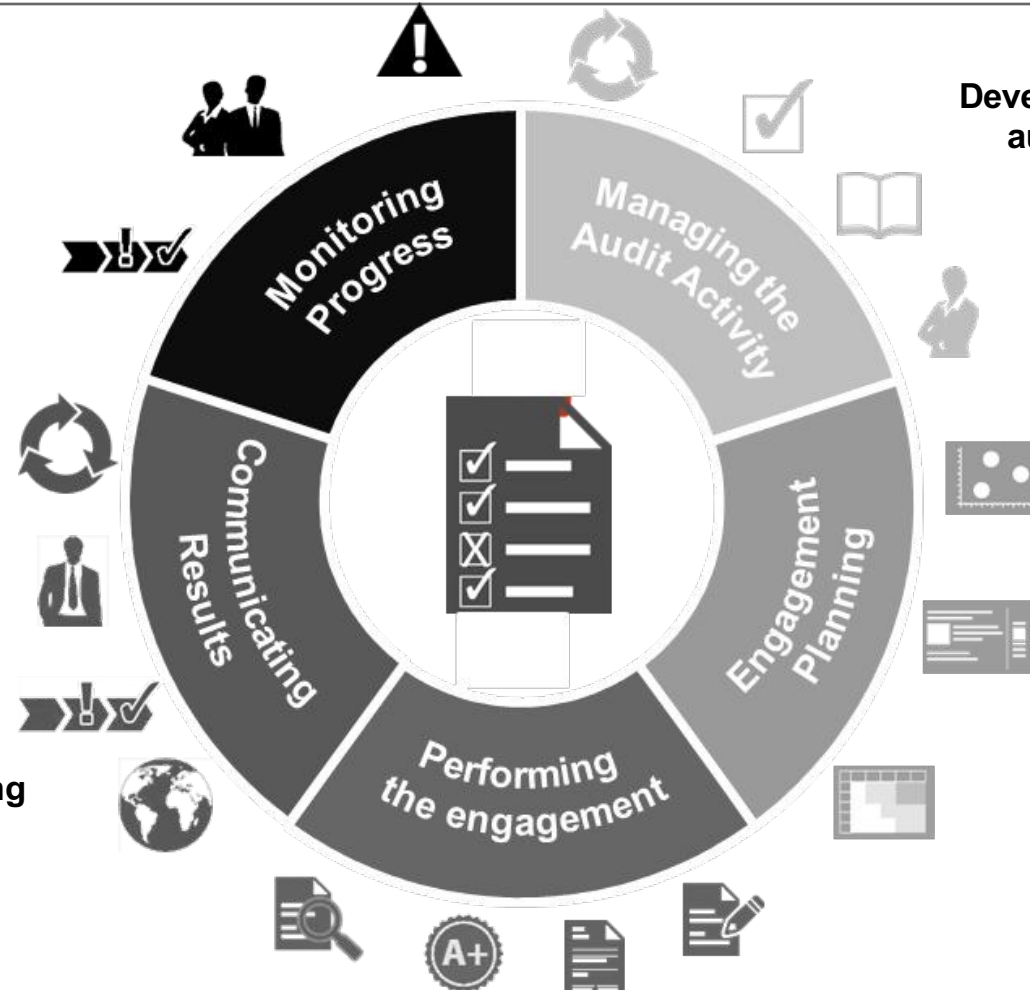
Manage regulatory requirements and align with internal control activities

SAP Audit Management

Driving a unified audit function

Monitoring management progress in resolving actions or accepting risks

Developing and approving a risk based audit plan for approval by the Board



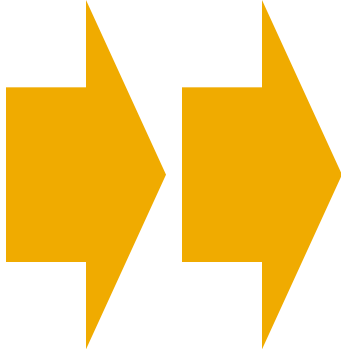
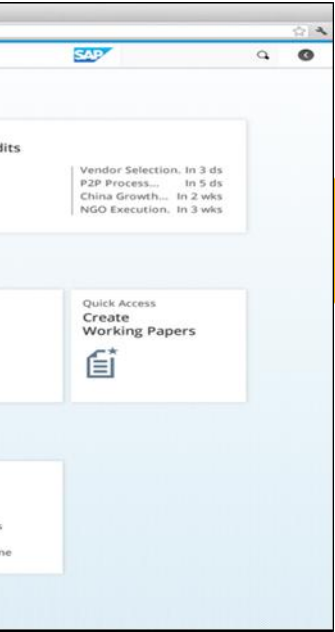
Forming an opinion and disseminating results to stakeholders

Setting objectives, scoping the audit, assigning resources, and scheduling the audit activity

Identifying and analyzing relevant information and documenting results

The Audit Cycle in screenshots

Managing the audit activity



This screenshot displays the details of an audit project titled 'Vendor Selection Process US' (AER-055-13). The project is marked as 'Obsolete' and has a 'High' risk level. The 'Information' section shows a description: 'I find out there may be some issues with our current vendor selection process in the US area. It's necessary to conduct an audit based on that.' Below this, the 'Assigned Audit History' table lists previous audit instances.

Priority	Title	Time Period
High	2012-055 Vendor Selection Process	06/15/2012 - 07/15/2012
Medium	2012-011 Vendor Selection Process NA	04/15/2012 - 05/15/2012
High	2011-042 Vendor Selection Process US	04/15/2011 - 05/15/2011



This screenshot shows the 'New Audit' configuration screen. It includes a 'Schedule & Team Members' section with options for 'Time Period', 'Audit Lead', and 'Auditor'. Below this, there is a search bar and a list of potential auditors with their names and roles.

SAP Risk Management

Preservar e incrementar el valor

Monitorización de umbrales, eficacia de respuestas de riesgo y de acciones correctivas

Respuesta al riesgo tras valoración de costes/beneficio



Planifica la gestión del riesgo en el contexto de valor hacia la organización

Vincula riesgos, causas de riesgos, indicadores de riesgos, impactos y pérdidas

Analiza riesgos vía escenarios, modelado y otros factores para comprender la exposición

What are controls?

4 types of controls that can often be automated



Configuration

Can we find changes to configuration settings?
Has anyone changed purchase order tolerance settings?



Master Data

Can we detect changes to sensitive master data? Has anyone changed terms of payment?

What can users do within a process? Can they create a supplier and make payments to that supplier?

Access



Can we detect suspect transactions? Are users trying to bypass existing controls?

Transactional

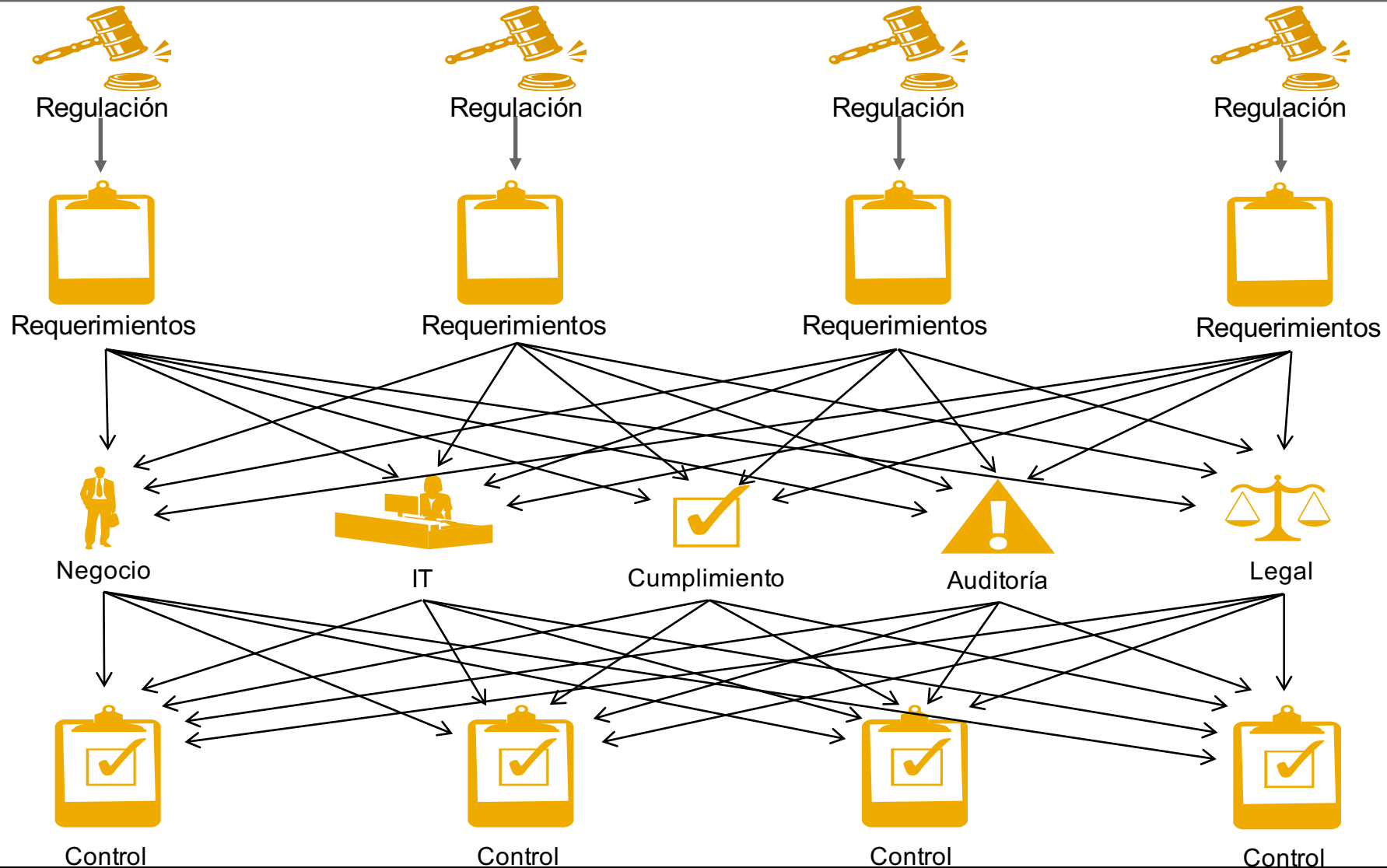


SAP Process Control

Garantiza la eficiencia del entorno de control y el cumplimiento



El reto en la gestión de los cambios regulatorios



Regulation Management Process

Regulatory Intake, Collaboration & Execution



* In SAP Process Control

Solutions for GRC and security from SAP

Access governance



Governance

Automate compliance processes



SAP Access Control

Enable business-driven access governance



SAP Dynamic Authorization Management by NextLabs

Secure applications, protect application data, and simplify role management



SAP Access Violation Management by Greenlight

Identify and quantify the impact of actual access risk violations

Administration

Manage identity and access



SAP Identity Management

Know your users and what they can do



SAP Single Sign-On

Authenticate once to access all business applications

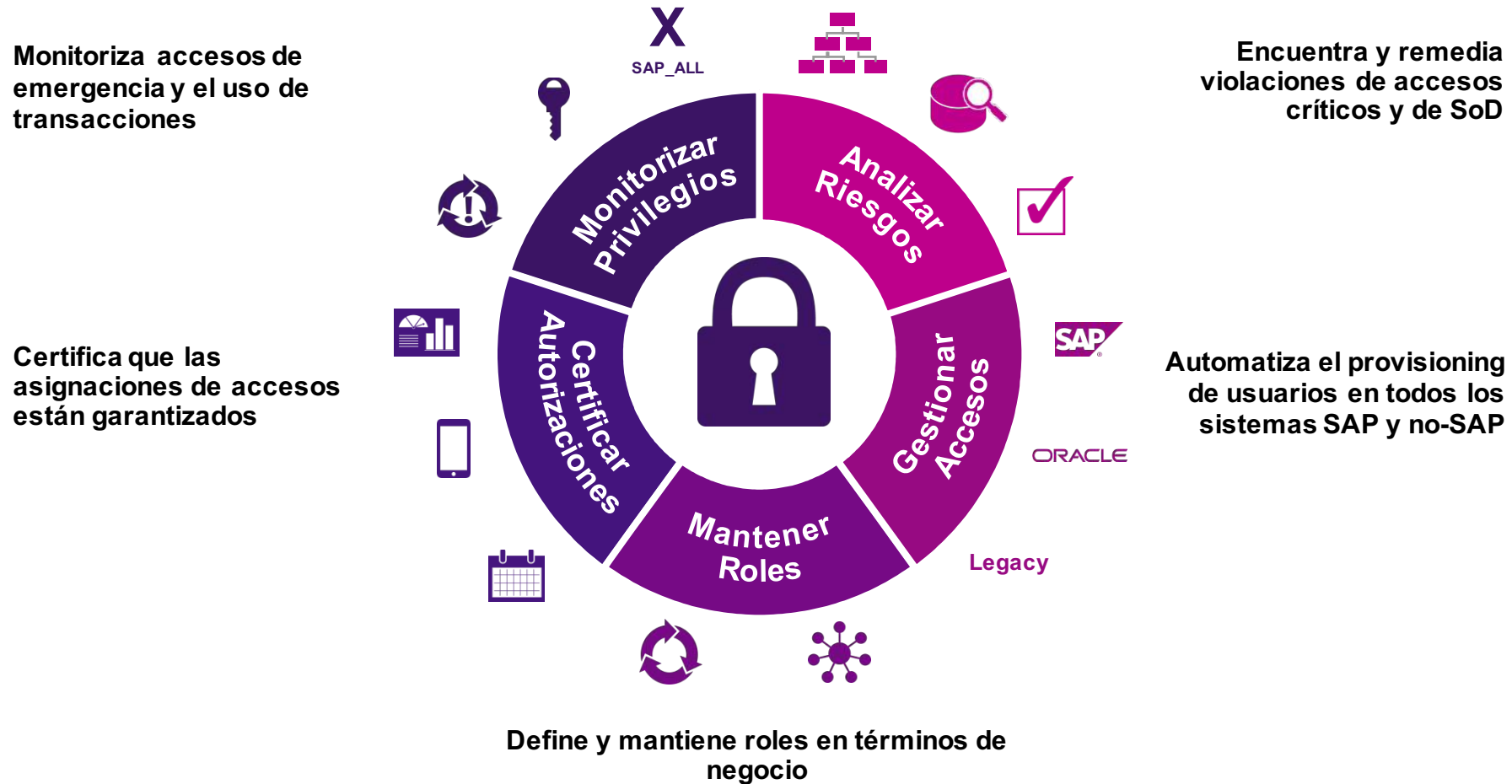


SAP Cloud Identity

Manage the identity lifecycle in the cloud

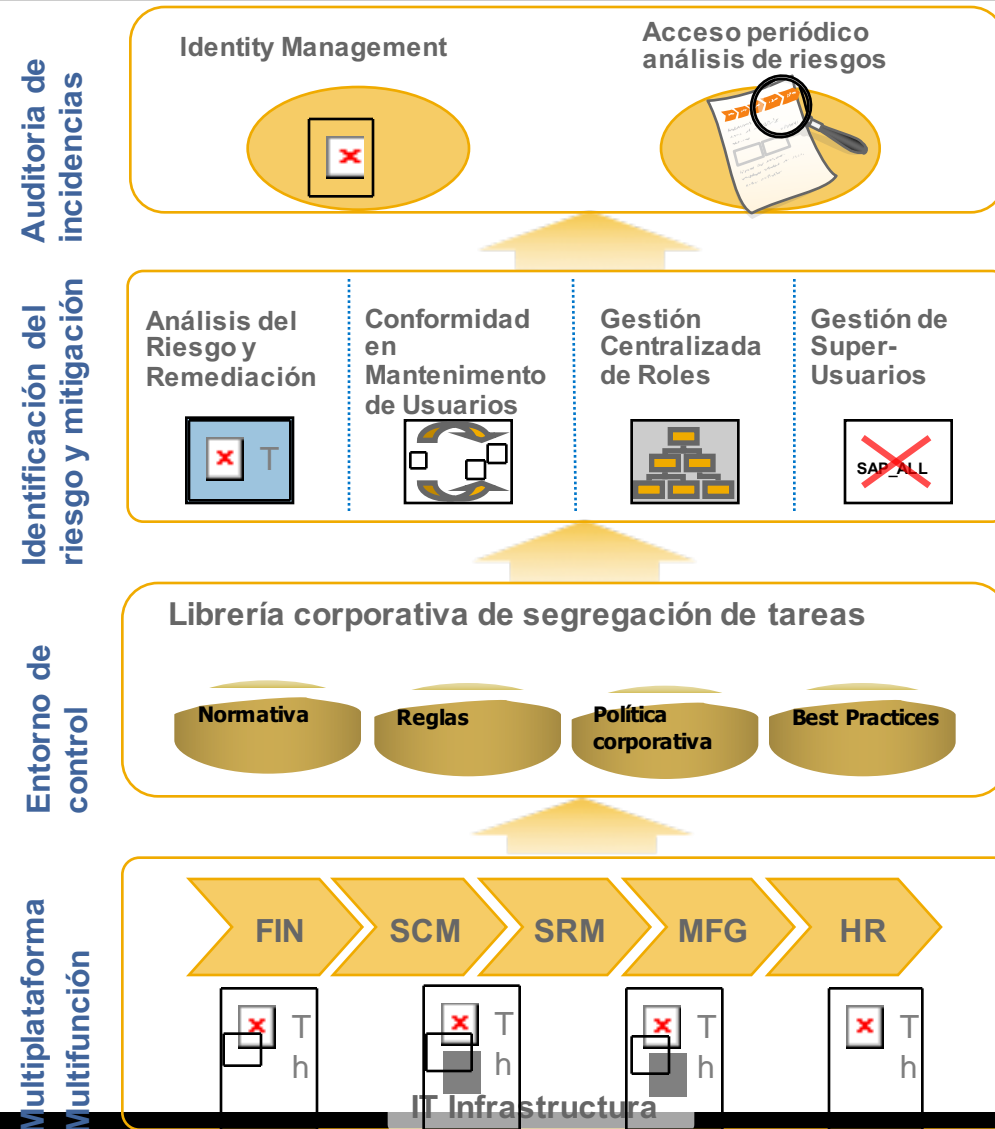
SAP Access Control

Gestiona los riesgos de accesos y previene el fraude



SAP GRC Access Control

© SAP 2008/ Page 18



SAP Access Violation Management

Gestión de accesos de usuarios basados en impacto de negocio

Impacto Financiero del Riesgo de Accesos

Valor a nivel de bottom-line en cuenta de resultados

GRC Access Control

Access Risk Analysis,
User Access Management,
Emergency Access Management,
Business Role Management

Monitorización Continua

Usuarios, Roles y Modelado de Riesgo,
Remedicación Acelerada,
Controles de Mitigación Automáticos

Controles Empresariales en Tiempo Real

Descubrir, Agregar, Correlacionar y Normalizar



Core SAP



Otros SAP
& ERPs



Business
Applications



Legacy/Custom
Solutions



Cloud
& SaaS

Solutions for GRC and security from SAP

Cyber security risk and governance

Cyber risk and governance

Identify and manage risks, regulations and polices to minimize potential business impact



Cyber security risk and governance



SAP Regulation Management by Greenlight, cyber governance edition

Manage cyber-related regulatory requirements and align with internal controls



SAP Risk Management

Preserve and grow value with enterprise risk management



SAP Process Control

Maintain effective controls and ongoing compliance



SAP Audit Management

Transform auditing and move beyond assurance

Business application security

Protect data, control access, and detect threats



SAP Enterprise Threat Detection

Detect, investigate, and respond to anomalies



SAP Access Control

Enable business-driven access governance

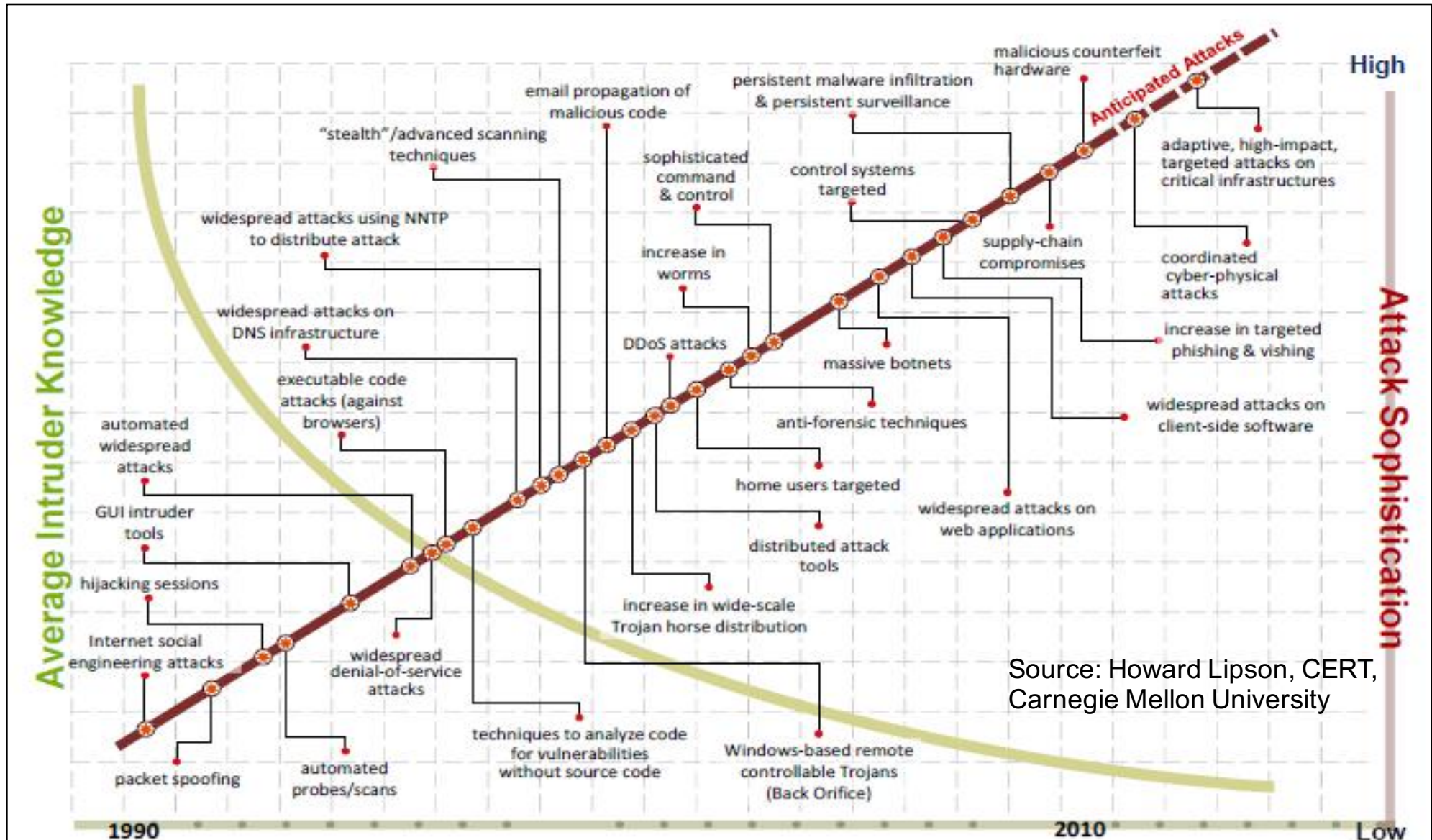


SAP Dynamic Authorization Management by NextLabs

Secure applications, protect application data, and simplify role management

Attack Sophistication

From manual to automated attacks, requiring less skills for ever more sophisticated attacks



Norse Cyber Attacks in Motion

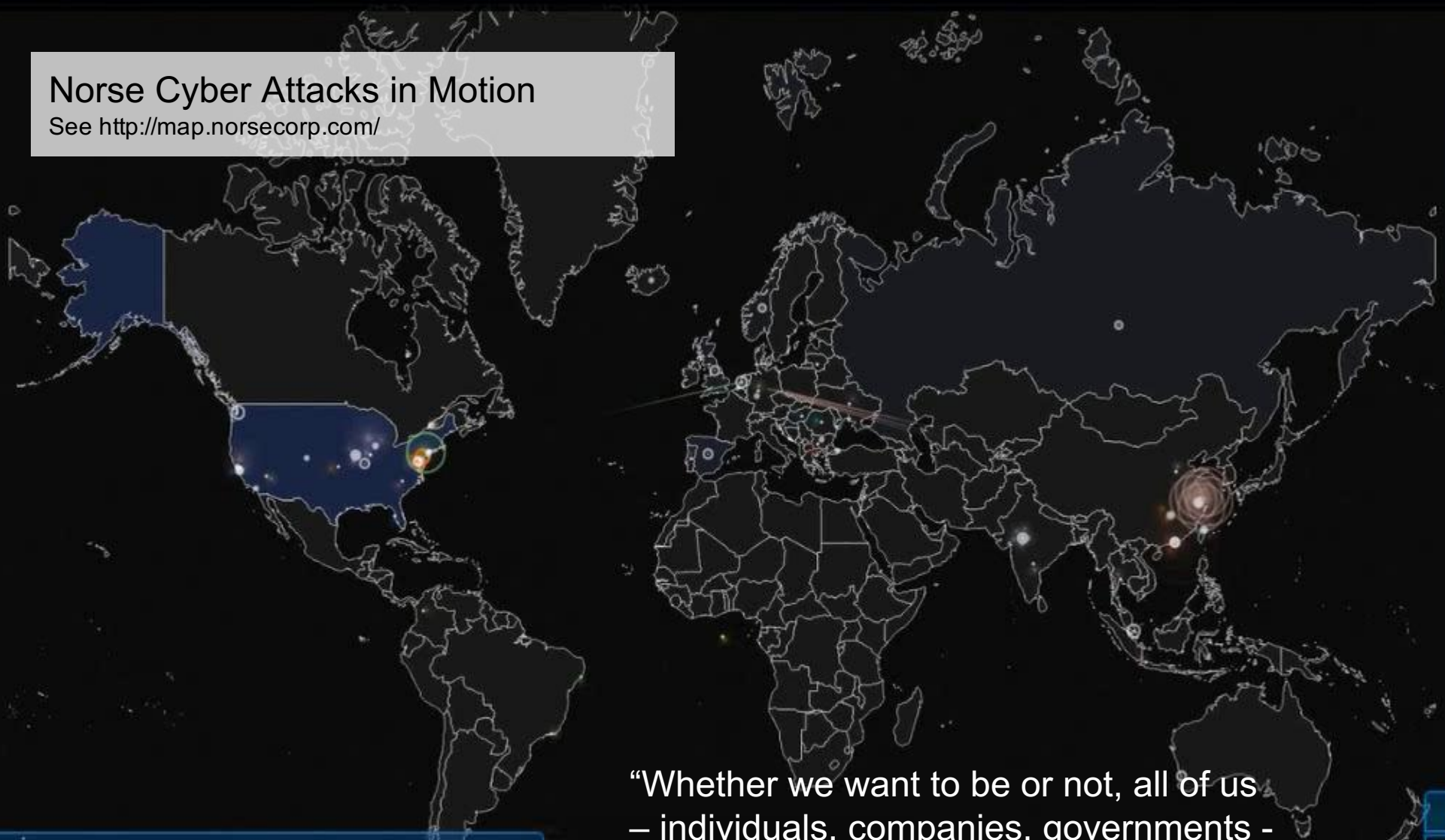
See <http://map.norsecorp.com/>

ATTACK ORIGINS

#	Country
18	United States
10	India
9	China
3	Taiwan
3	Hong Kong
2	Canada
2	Romania
2	Brazil
1	Ukraine
1	Lithuania

ATTACK TARGETS

#	Country
9	Singapore
6	Netherlands
4	Spain
3	Australia
3	Hong Kong
3	United Kingdom
2	Russia
2	Norway
1	Germany



ATTACKS

Timestamp	Organization	Attacker Location	IP	Target Location	Service	Type	Port
2014-09-08 21:06:08.08	SunnyVale United	unknown, Hong Kong	124.248.211.23	unknown, Hong Kong	vsftpd/ftps		1347
2014-09-08 21:06:09.35	CHINANET Zhejiang province	Huzhou, China	122.225.109.117	Badshevedorp, Netherlands	ssh		22
2014-09-08 21:06:09.38	CHINANET Zhejiang province	Huzhou, China	122.225.109.117	Badshevedorp, Netherlands	ssh		22
2014-09-08 21:06:09.37	CHINANET Zhejiang province	Huzhou, China	122.225.109.117	Badshevedorp, Netherlands	ssh		22
2014-09-08 21:06:09.37	CHINANET Zhejiang province	Huzhou, China	122.225.109.117	Badshevedorp, Netherlands	ssh		22
2014-09-08 21:06:09.38	CHINANET Zhejiang province	Huzhou, China	122.225.109.117	Badshevedorp, Netherlands	ssh		22
2014-09-08 21:06:09.54	Merck and Co.	Woodbridge, United States	54.68.99.105	Badshevedorp, Netherlands	unknown		53413
2014-09-08 21:06:09.98	AINET Hosting Operations	Beloville, United States	205.134.169.200	Beloville, United States	netbios-dgm		138

ATTACK TYPES

#	Service	Port
9	epmap	135
6	microsoft-ds	445
5	ssh	22
4	srmtp	25
4	netbios-dgm	138
2	unknown	58610
2	unknown	53413
2	ntp	123

“Whether we want to be or not, all of us – individuals, companies, governments - are currently engaged in a widening cyber war”

Cedric Leighton
 (Director of cryptologic training operations at NSA)

Consider what SAP can do to help



Cyber risk and governance



Business application security

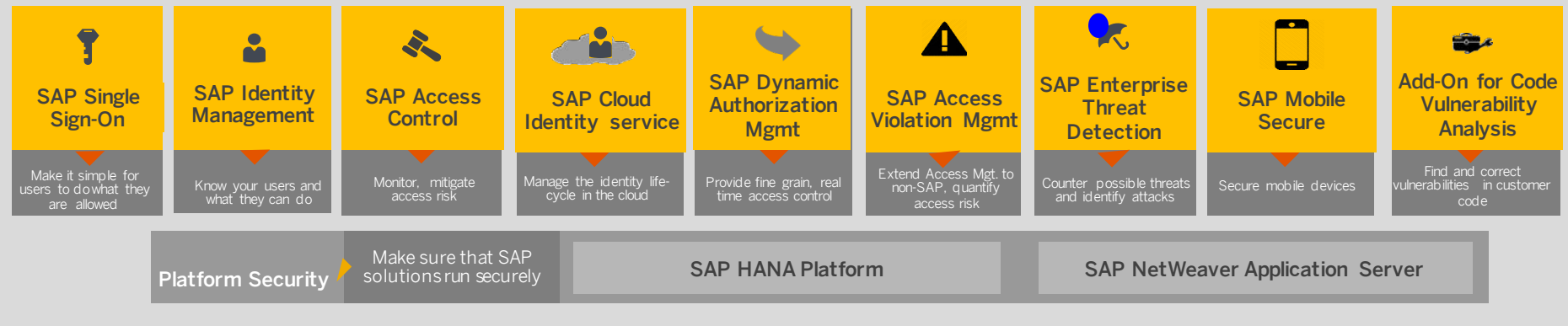
Help protect trade secrets, intellectual property, financials, and personal data

Solutions for GRC and security from SAP

Cyber risk and governance



Business application Security



Solutions for GRC and security from SAP

International trade management

Global trade management



SAP Global Trade Services*

Optimize global trade and screen restricted parties



SAP Technical Data Export Compliance by NextLabs

Automate trade compliance for digital goods and technical data

Transportation and event management



SAP Transportation Management

Integration with SAP Global Trade Services for customs export processing and trade compliance



SAP Event Management

Increase visibility for faster identification and resolution of supply chain delays

Electronic invoicing



SAP Electronic Invoicing for Brazil

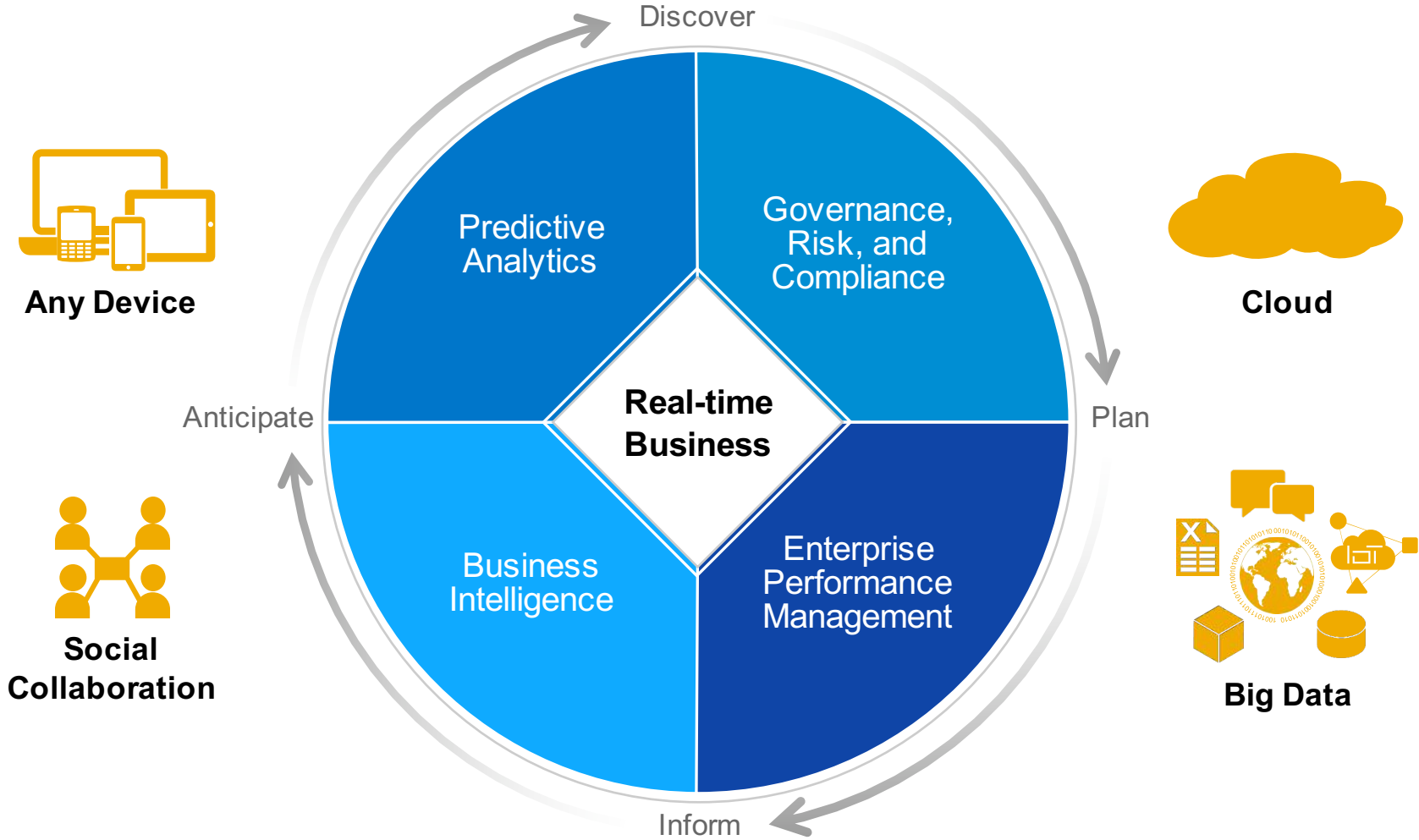
Meet electronic invoicing requirements for Brazil



International trade management

*Includes bundled or individual modules for: import, export, preference, sanctioned-party screening, processing trade in China, U.S. foreign trade zones, and others

SAP Analytics solution portfolio



Business Intelligence - Latest Analyst Reports.- Gartner / Dresner

Advanced & Predictive Analytics Vendor

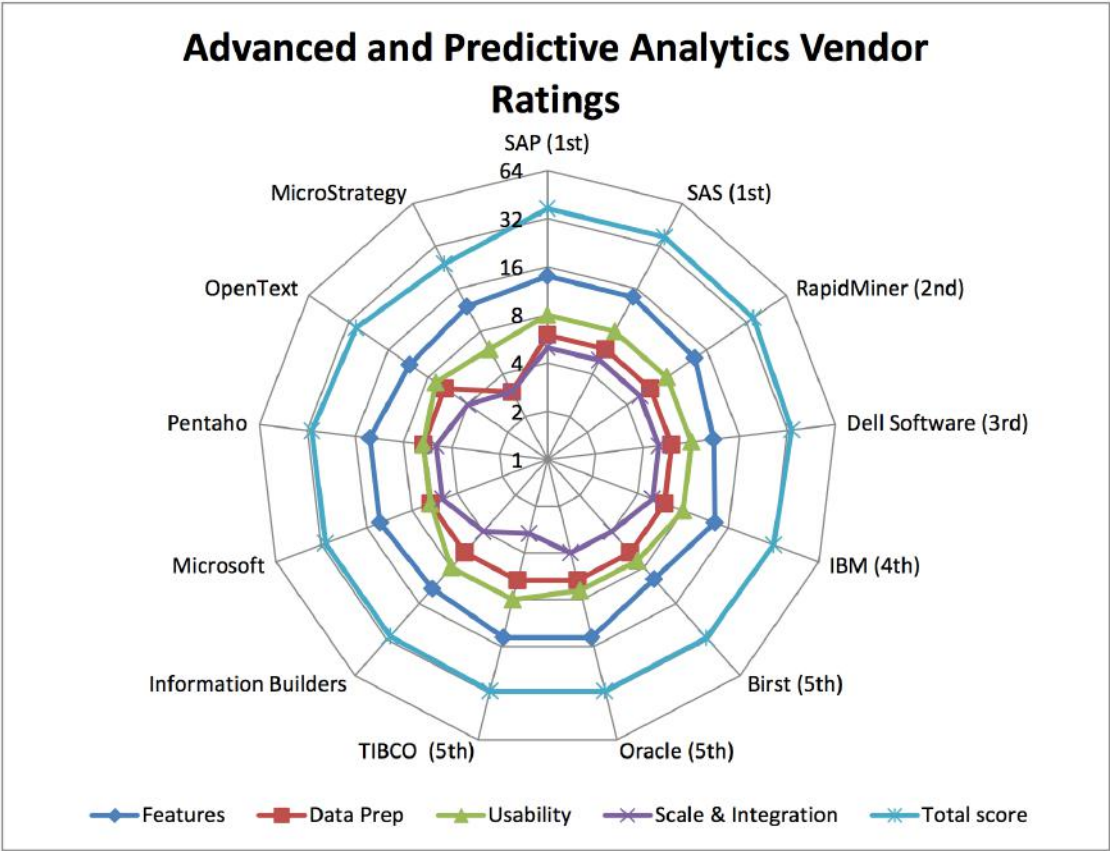


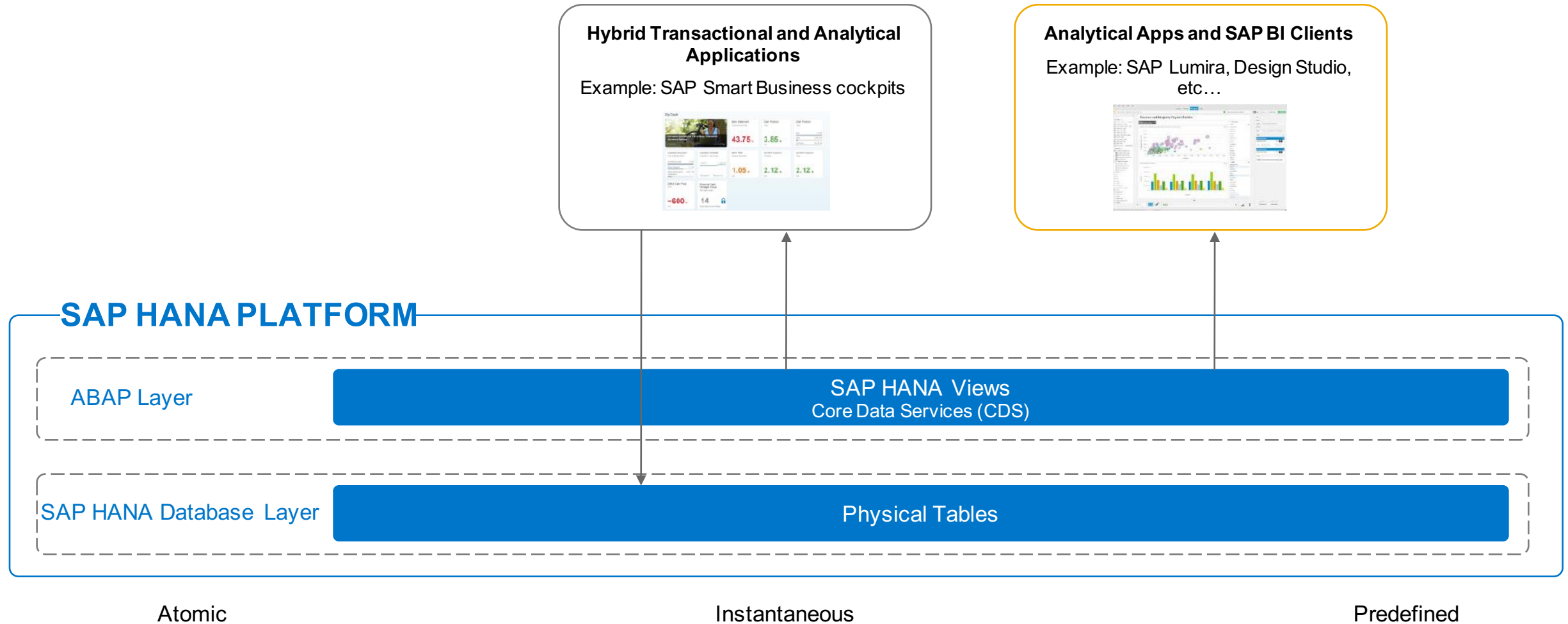
Figure 53 - Advanced and predictive analytics vendor ratings



2015 – Gartner BI

August 27th 2015 – Dresner Advisory Services

SAP S/4HANA analytics architecture



SAP Analytics for SAP HANA

Asegura que se obtiene la mejor plataforma de Business Intelligence para HANA

¿Porqué?.-

- BI Suite completa optimizada para **HANA**
- Acceso en tiempo real (real) **sin duplicación**.
- Optimizado para Data Lakes y Hadoop con **Vora**.
- Reutiliza completamente la **seguridad** del transaccional.
- La **computación** se hace en base de datos.
- **Hereda las jerarquías**, variables, metadatos y parametros de entrada.
- Acceso flexible a los **HANA Views**
- **Analítica geo-espacial** mejorada y otros servicios de plataforma
- Optimizado para SAP **Predictive Analytics**.

Value for you:

- Leverages the **full power** (& investment) of **HANA**
- Analytics **optimized** for HANA vs. connected.
- Faster and more informed **decisions**
- **Shorter analytics project cycles** and support simplification.
- Lower **TCO** for end-to-end DW + analytics projects



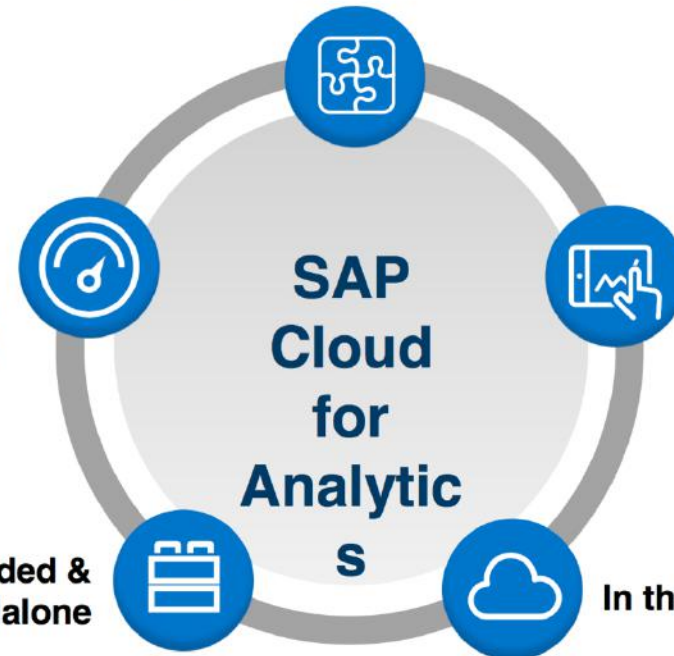
[customer stories](#) | [analytics golden pitch](#)

Introducing SAP Cloud for Analytics



All Analytics capabilities in one product

High-performance, real-time platform

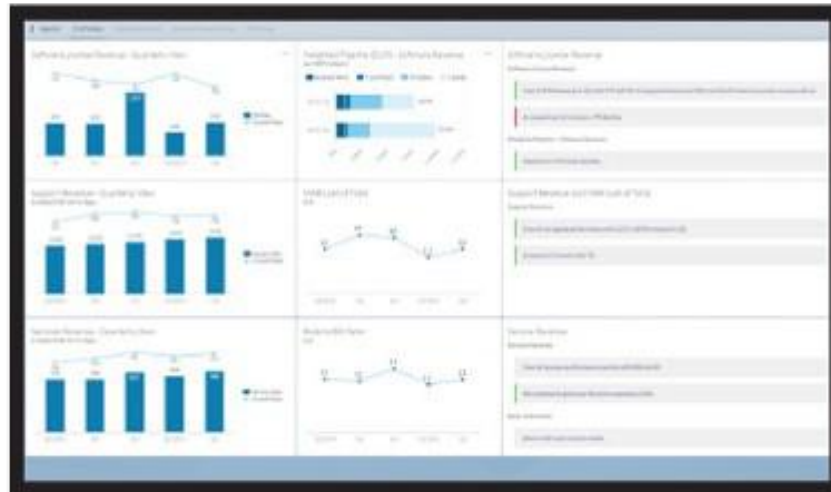


Consumer-grade user experience

Embedded & standalone

In the cloud

The Digital Board Room para GRC



Total Transparency
Real-time Analysis

Real-Time Simulation
“what-if”

360° view of your business
Any detail available

GRACIAS

jor.perez@sap.com

+34 696963385

