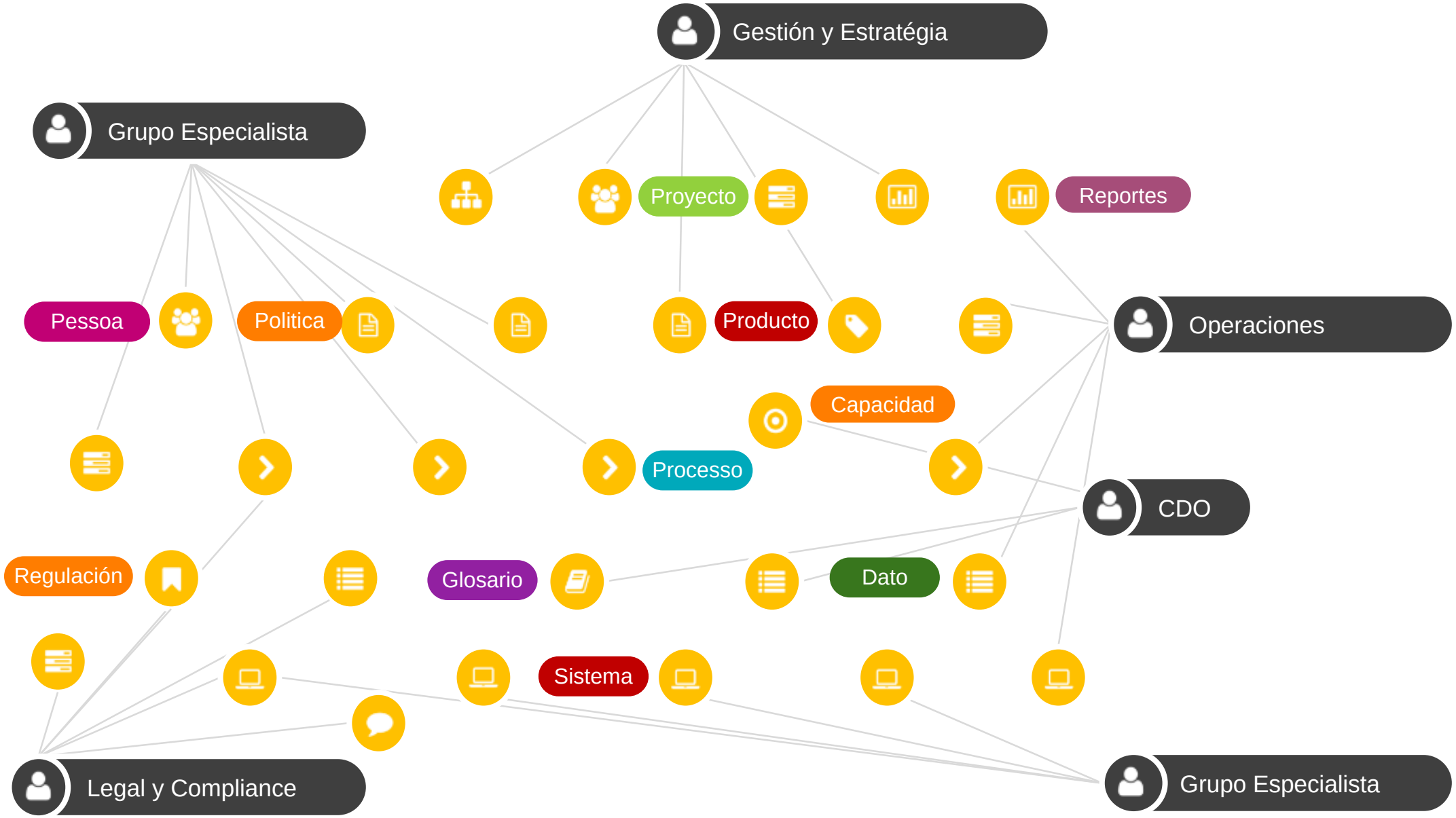
Automatización del Gobierno de Datos

Marcelo Tardeli

Líder en Gobierno de Datos

mtardeli@informatica.com

Noviembre2019



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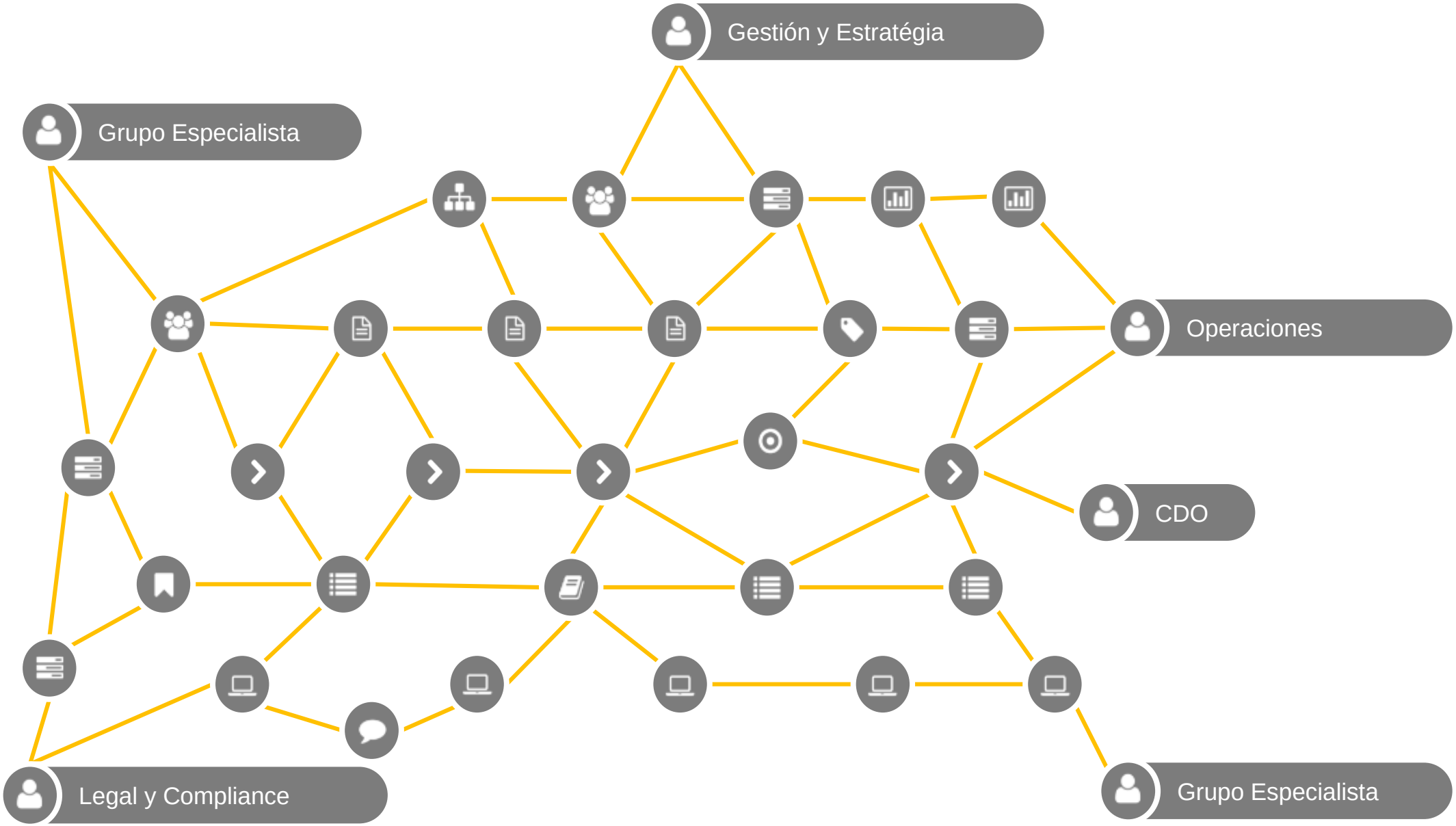

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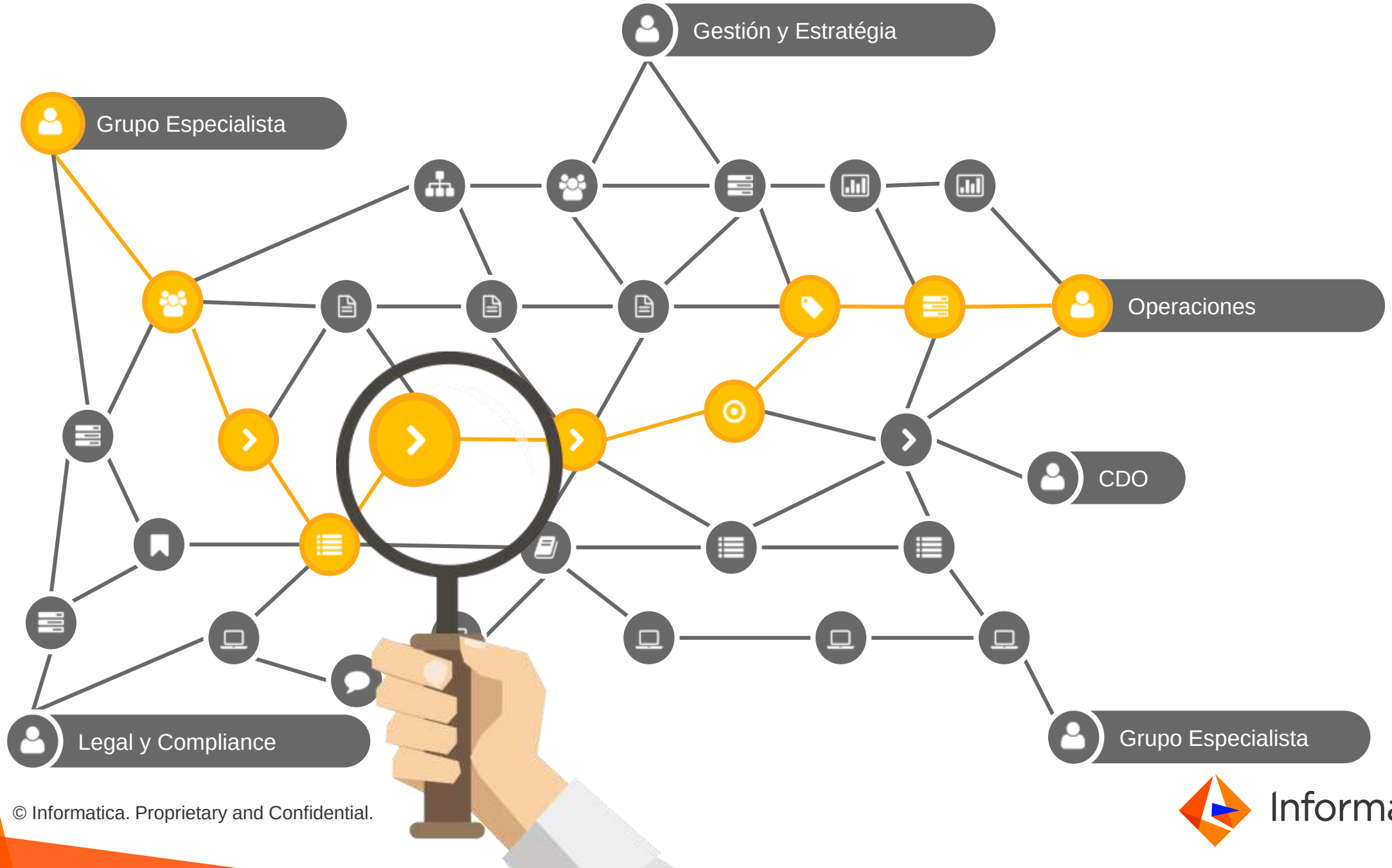

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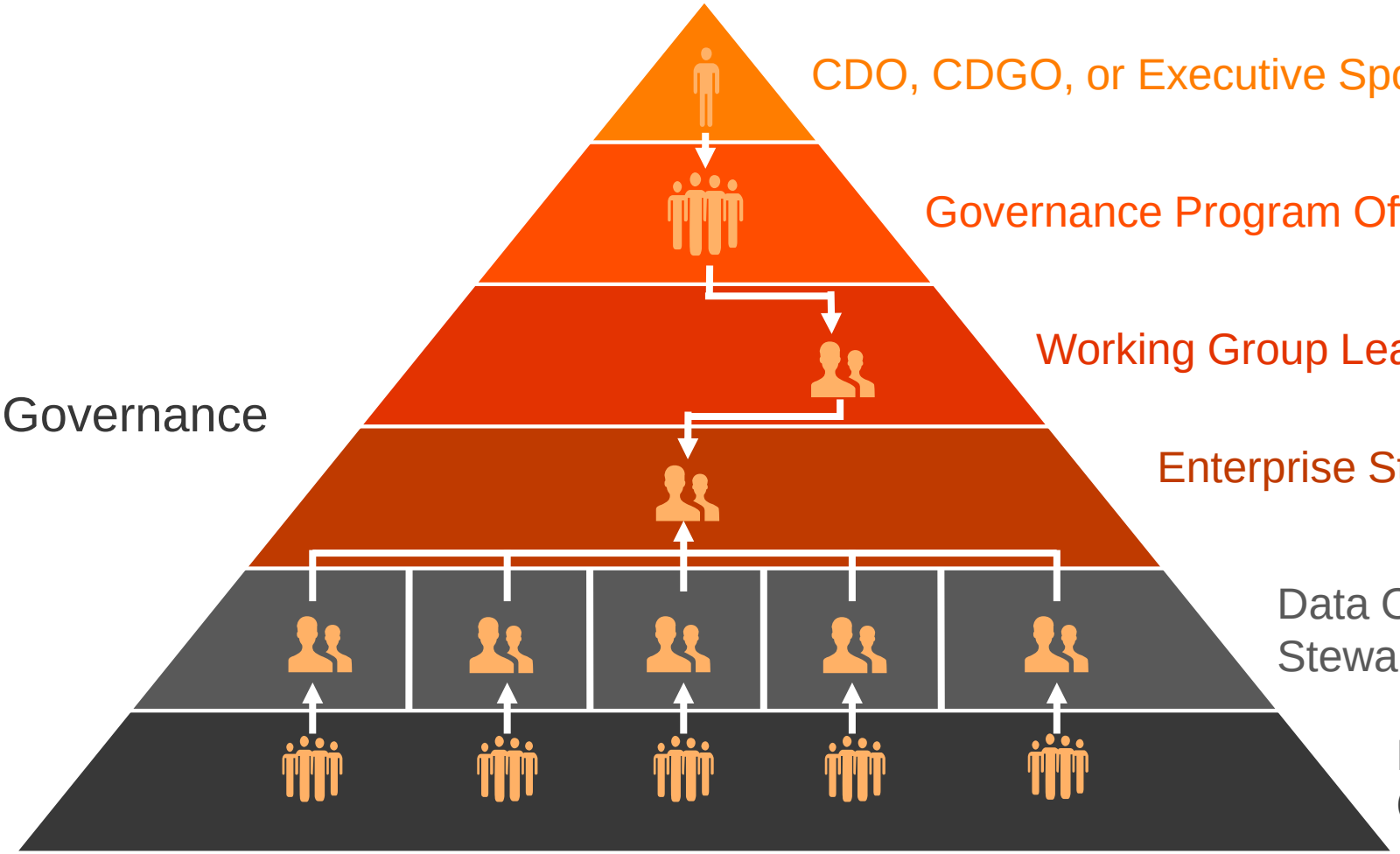
Empower the business

Intelligent Data Governance

Enable the IT Team



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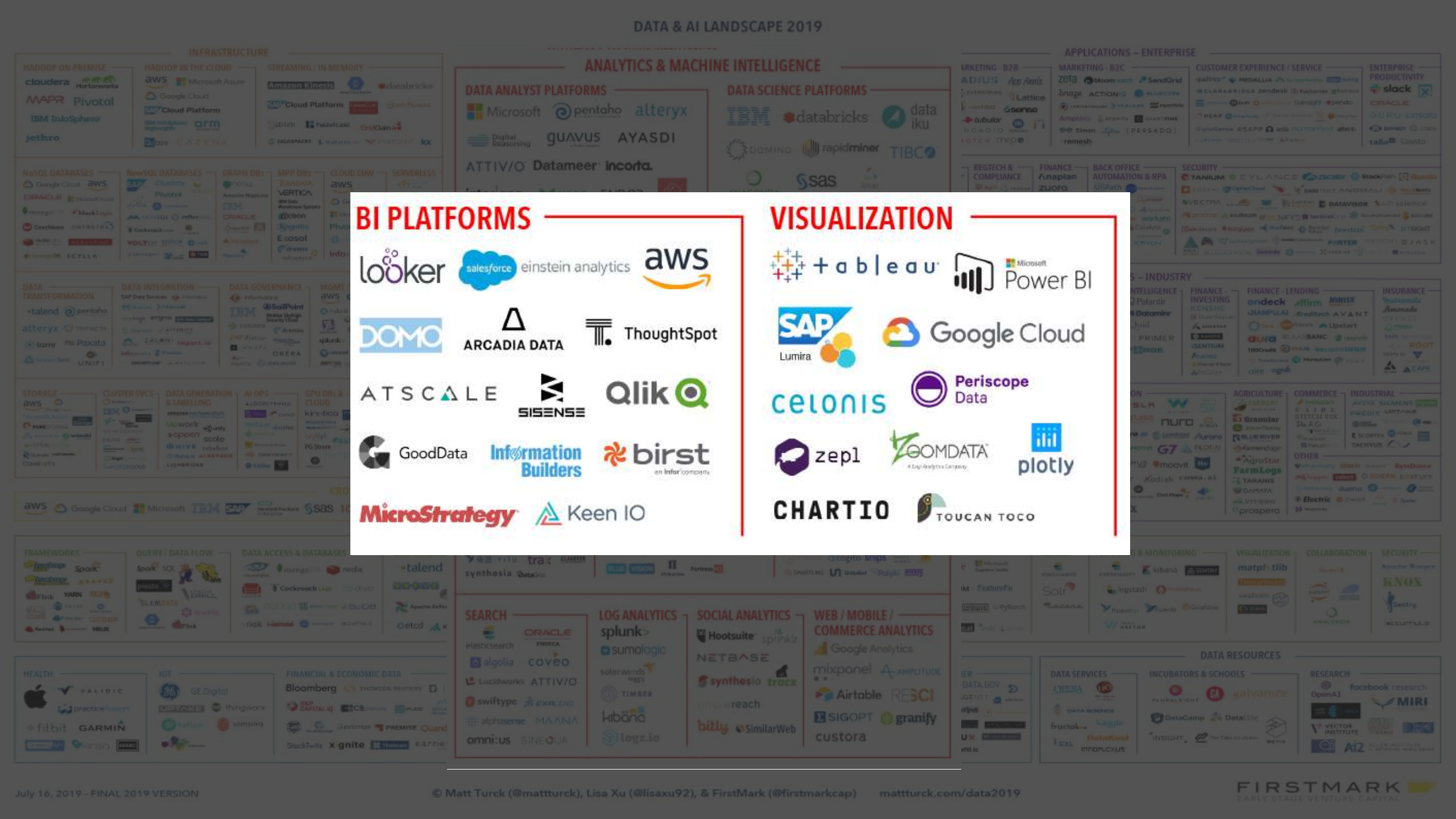
DATA & AI LANDSCAPE 2019
BI PLATFORMS
looker
salesforce einstein analytics
aws
DOMO
ARCADIA DATA
ThoughtSpot
ATSCALE
SISENSE
Qlik
GoodData
Information Builders
birst
MicroStrategy
Keen IO
VISUALIZATION
tableau
Microsoft Power BI
SAP Lumira
Google Cloud
celonis
Periscope Data
zepl
ZOOMDATA
plotly
CHARTIO
TOUCAN TOCO
ANALYTICS & MACHINE INTELLIGENCE
DATA ANALYST PLATFORMS
DATA SCIENCE PLATFORMS
INFRASTRUCTURE
APPLICATIONS – ENTERPRISE
SEARCH
LOG ANALYTICS
SOCIAL ANALYTICS
WEB / MOBILE / COMMERCE ANALYTICS
DATA RESOURCES
July 16, 2019 - FINAL 2019 VERSION
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FIRSTMARK

CONCEPT
NO
FAIL
STRATEGY
PLAN
TEAM
2x
HAVE
Realesation
AND THEN...
DRAW
46x
PRODUCT
CONSUMERS
25% time
INTERNET
LOADING TO SERVER
main
A. ASIA
B. INDIA
C. USA
A. 640.320.00
B. 144.000.00
C. 286.000.00
D. 255.500.00
E. 540.000.00
45% is SALE!
15% - ???
A. B. C.
MARKETING
money recycling
money is pursuit
100%
25%
75%
50%
learn
CLOUD
motivation

Automatización del Contexto de Datos

Informatica

PowerCenter | DQ | MDM | BDM | BG | Axon
Informatica Cloud | DIH

Big Data

Cloudera | Hortonworks | MapR | AWS EMR | Azure HD Insight

Otros ETL

IBM DataStage | Microsoft SSIS
Oracle Data Integrator

Archivos y File Systems

CSV | XML | JSON | Avro
Parquet | Excel | PDF | PPT | DOC
Zip Files | SharePoint | OneDrive | Azure Blob | ADLS Gen1&2 | AWS S3 | HDFS
MapRFS | Local

CLAIRE™

Metadata-driven Artificial Intelligence

Bancos de Datos

Oracle | DB2 | SQL Server | Sybase
Teradata | Netezza | MySQL
Greenplum | Azure SQL DB/DW
SAP HANA | AWS Redshift
DB2 z/OS | DB2 i5
Google BigQuery | JDBC

Programación

Teradata BTEQ | Oracle PL/SQL | DB2 Proc SQL | Spark Python

Business Intelligence

Tableau | IBM Cognos | SAP BusinessObjects | MicroStrategy | Oracle OBIEE | QlikView

Modelos de Datos

Erwin | SAP PowerDesigner

Aplicaciones

SAP | Salesforce | Workday

Enterprise Data Catalog

Search | Data Lineage | Data Profiling | Domain Discovery | Business Glossary | Enrichments | Relationships | Collaboration

Metadatos Empresariales

Auto-Scan de Datos y Metadatos

salesforce, amazon web services, Microsoft Azure, tableau, TERADATA, ORACLE, cloudera, Hortonworks, MAPR, Google, SAP, NETEZZA, sas, Apache, Pivotal, SPARX SYSTEMS, IBM, PostgreSQL

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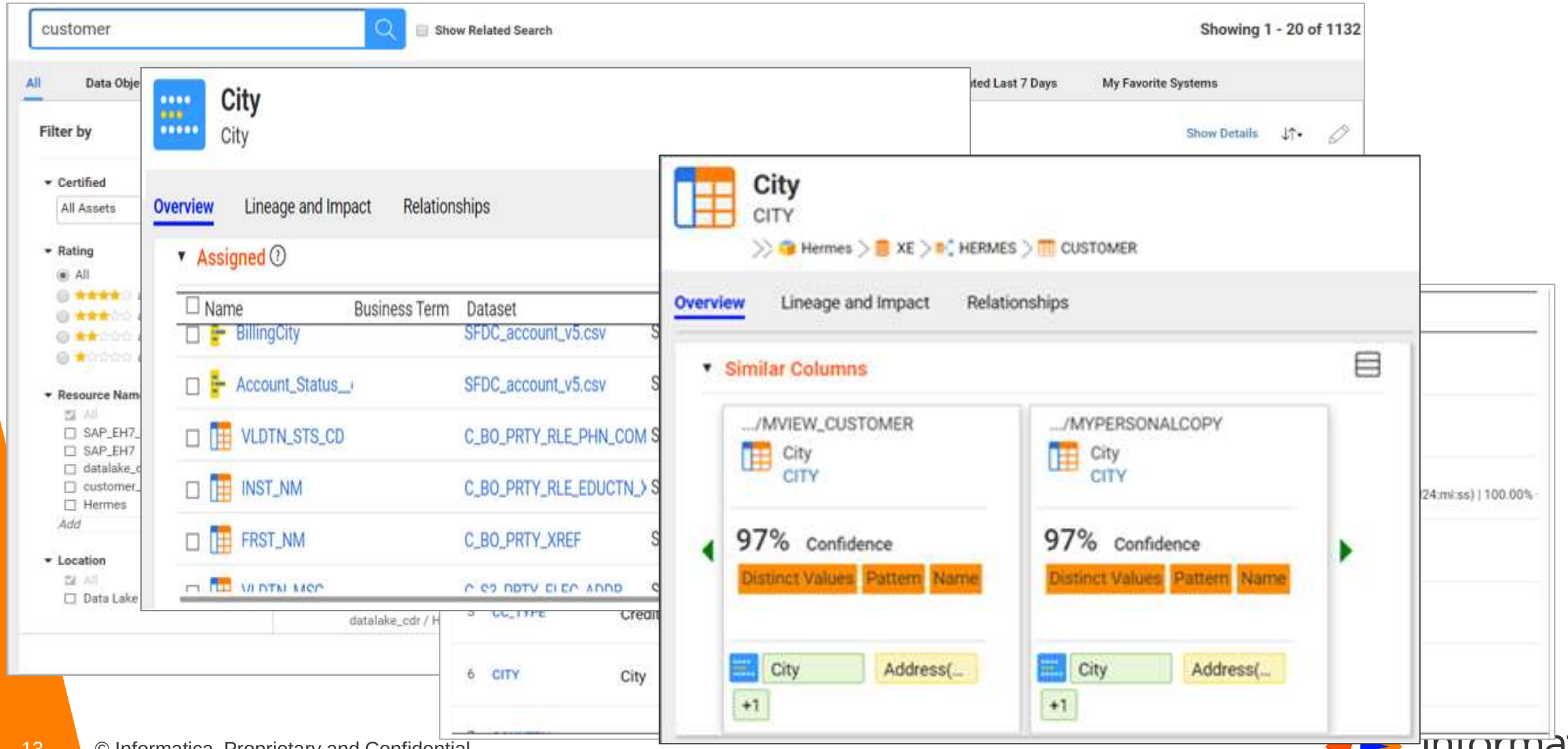
Informatica

Documentación Técnica Automática



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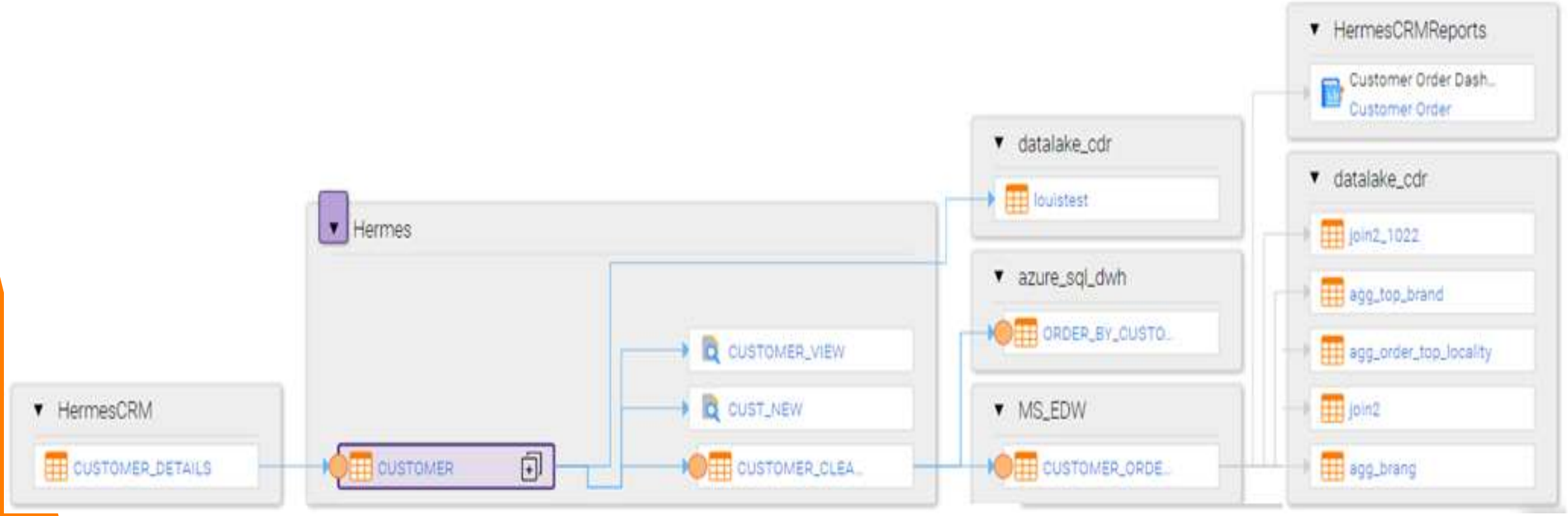
Linaje de Datos de Punta a Punta



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Informatica

Automatización del Contexto de Datos

Gobierno de Metadatos de Negocio

Links entre distintas visiones de metadatos

Persona, Perfil y Responsable	Descripción de la Regulación	Políticas y Definiciones	Inventario de Procesos	Sistemas	Datos
CPOs, CDO, Donos de processos, etc.	Regulaciones que impactan la organización	Políticas internas y externas	Procesos de negocio que soportan las políticas	Sistemas que soportan los procesos de negocio	Linaje e impacto en los datos

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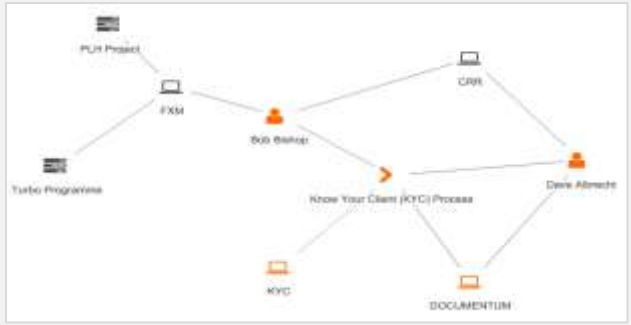
Documentación del Conocimiento

Documentación

Colabore

Conexión



Comprenda

Control

Controle

Gerencie

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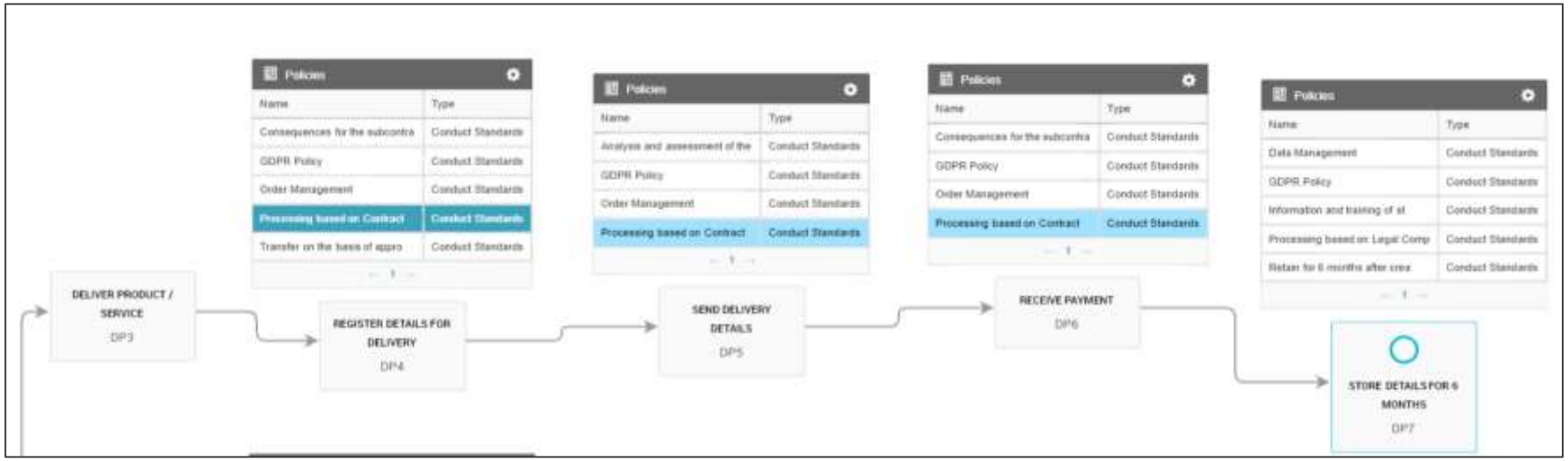
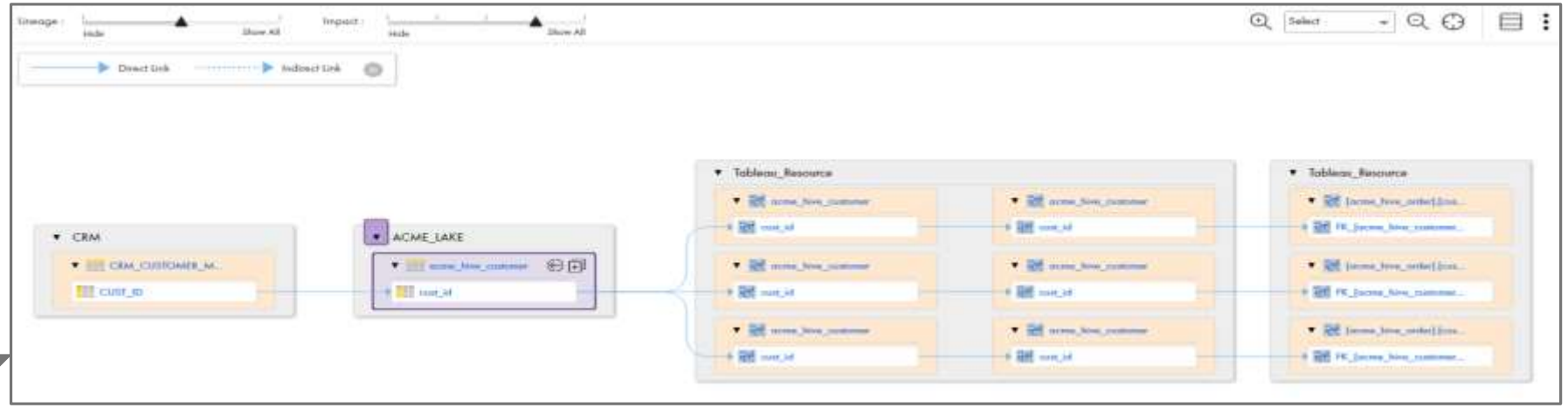
Colaboración Técnica y de Negocio

Negocios

Tecnicos

Documenta / Define / Garantiza





Descubre / Valida / Recomienda

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Automatización del Contexto de Datos

(),window.confirm(wp.themes
aa"}).fadeOut(350,function
),e.trigger("themes:update")
enshotCheck:function(a)
lick .close-full-overlay
preview"),render:function
uter.navigate(c.router.
$el.addClass("iframe-ready")
.removeClass("iframe-ready")
rigger("preview:close")
,this.$el.toggleClass("
view-device",c),this.
.attr("aria-pressed",!0)
s("disabled")||(wp.updates
)}))}}),c.view.Themes
currentTheme().this.

Assessment de Riesgo

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Gobierno y Seguridad

Defina Seguridad, Portabilidad, Políticas de Retención de Datos

Descubra riesgo y cobertura, costo, y defina alertas para anomalías

Monitoree los requerimientos de regla de seguridad de la información

Politica

Status

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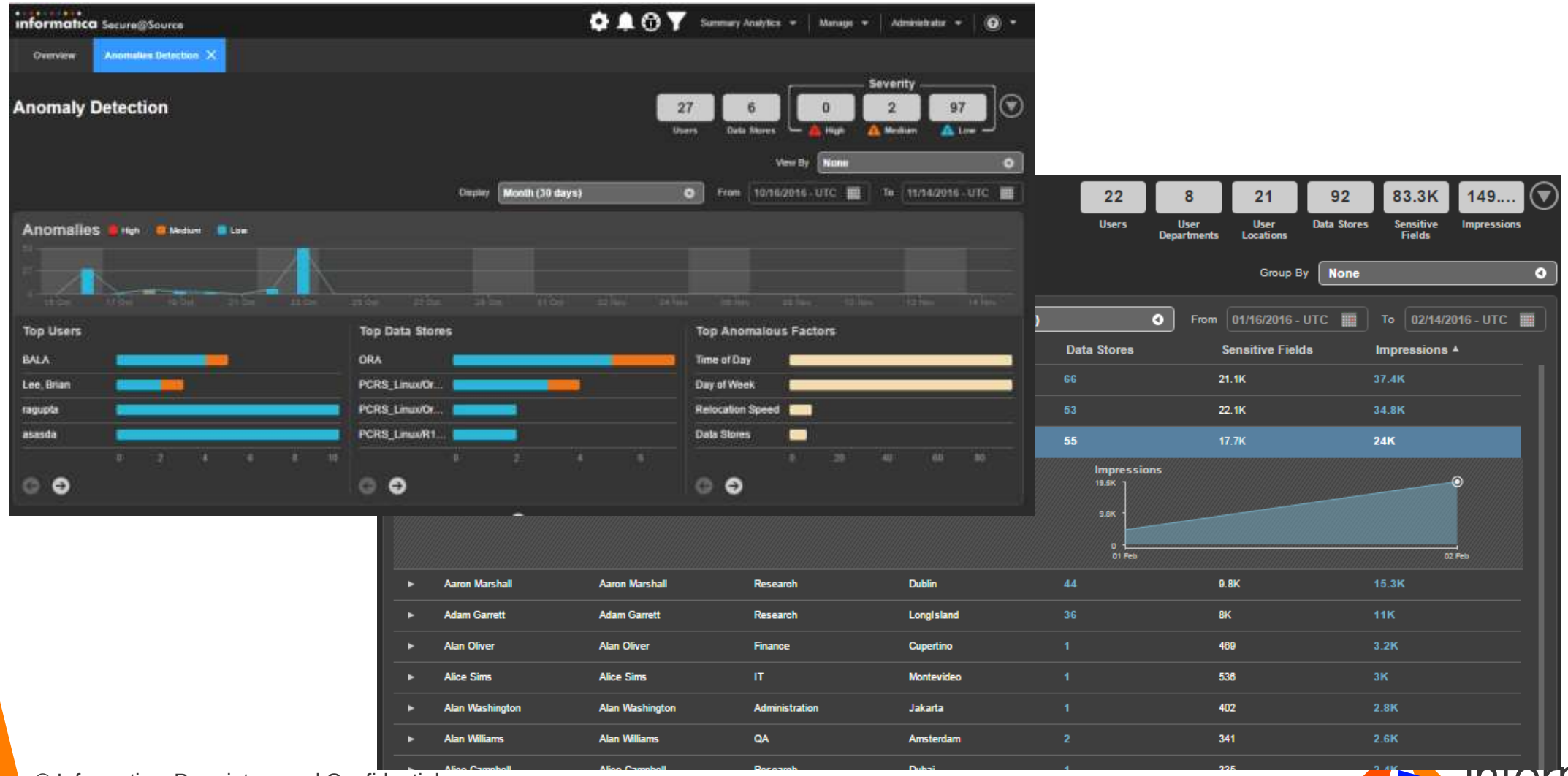
Informatica

Visibilidad y proliferación de riesgos

Informatica

Detección de Anomalías en Actividades de Usuarios



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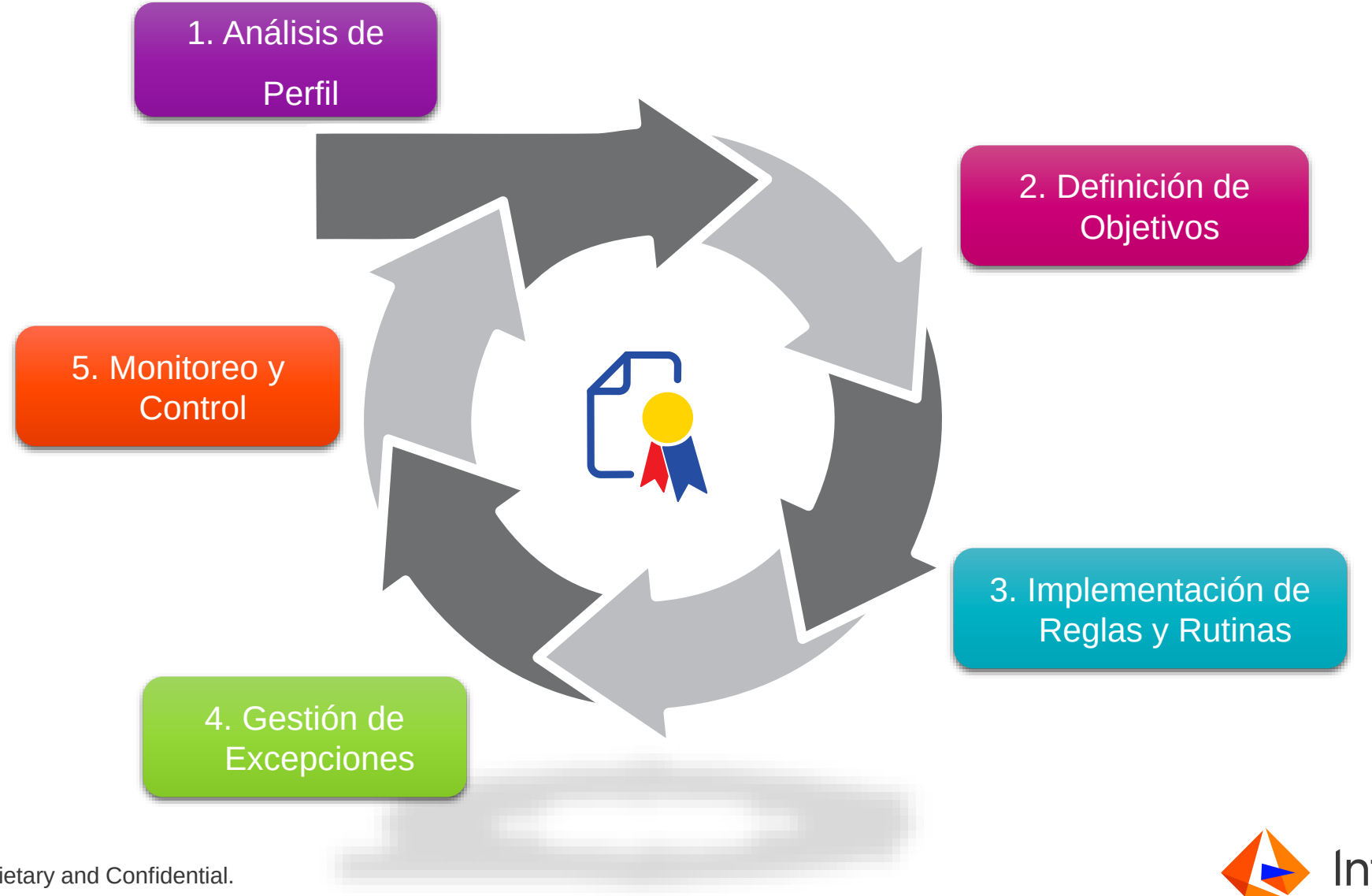
Automatización del Contexto de Datos

Ciclo de Calidad de la Información



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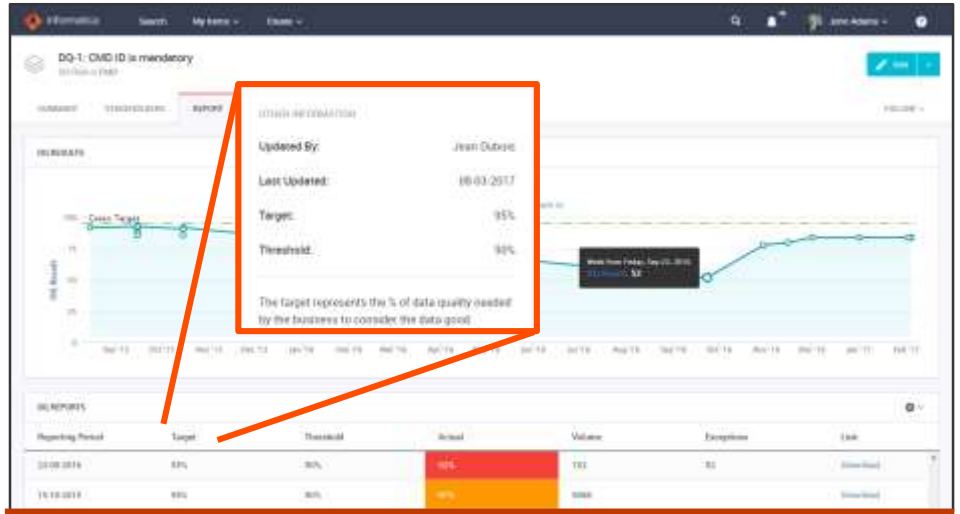
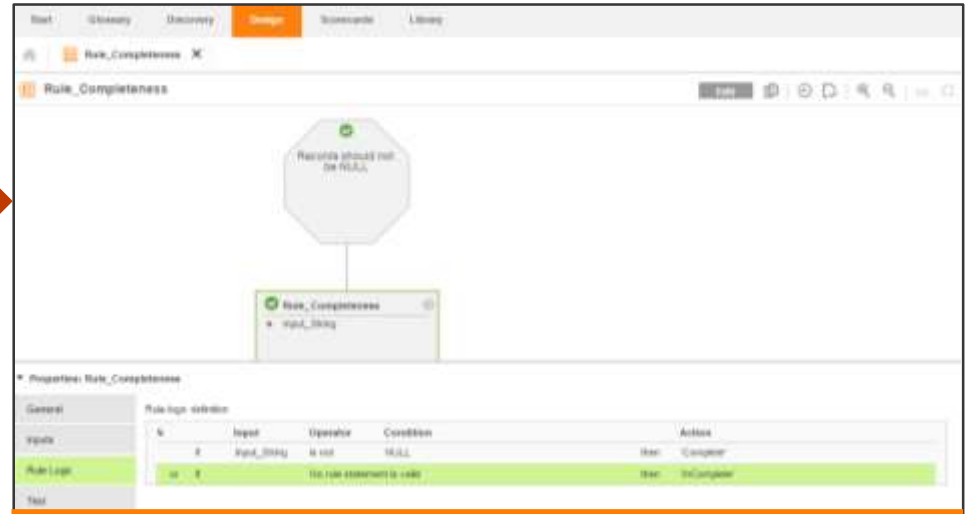
Gestión de Calidad de la Información



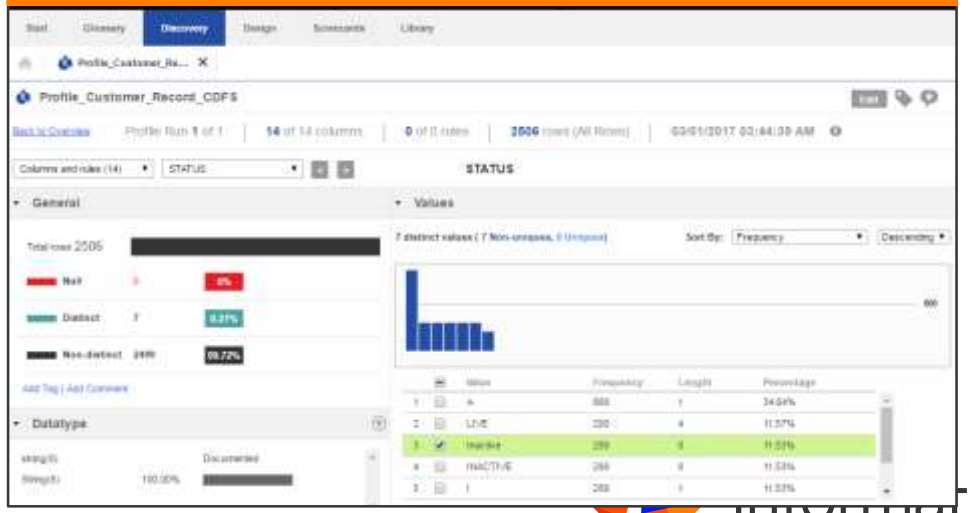
Documentación de Negocios

Implementa

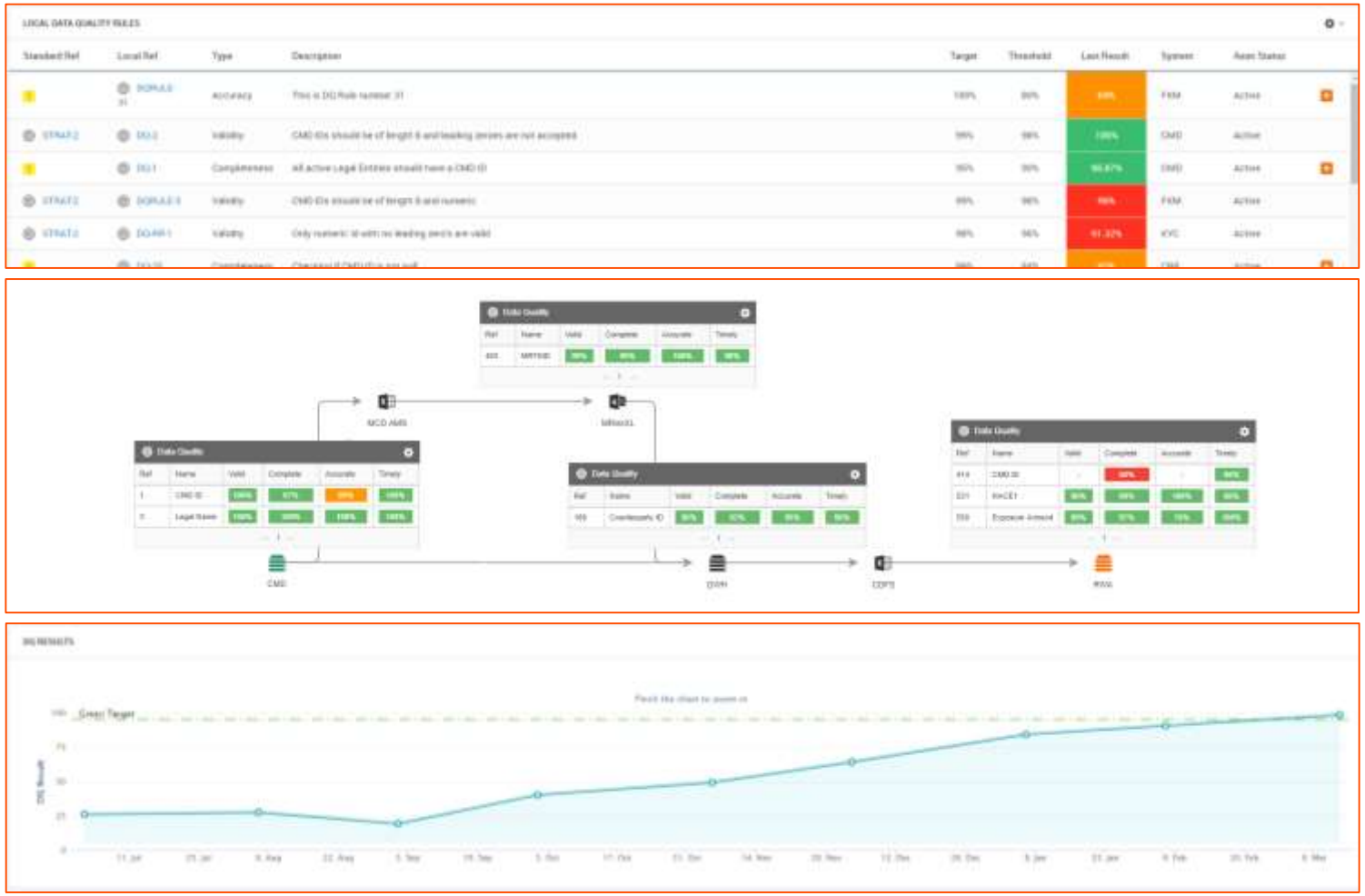


Calidad de Datos

Relata



Automación de la Calidad de la Información



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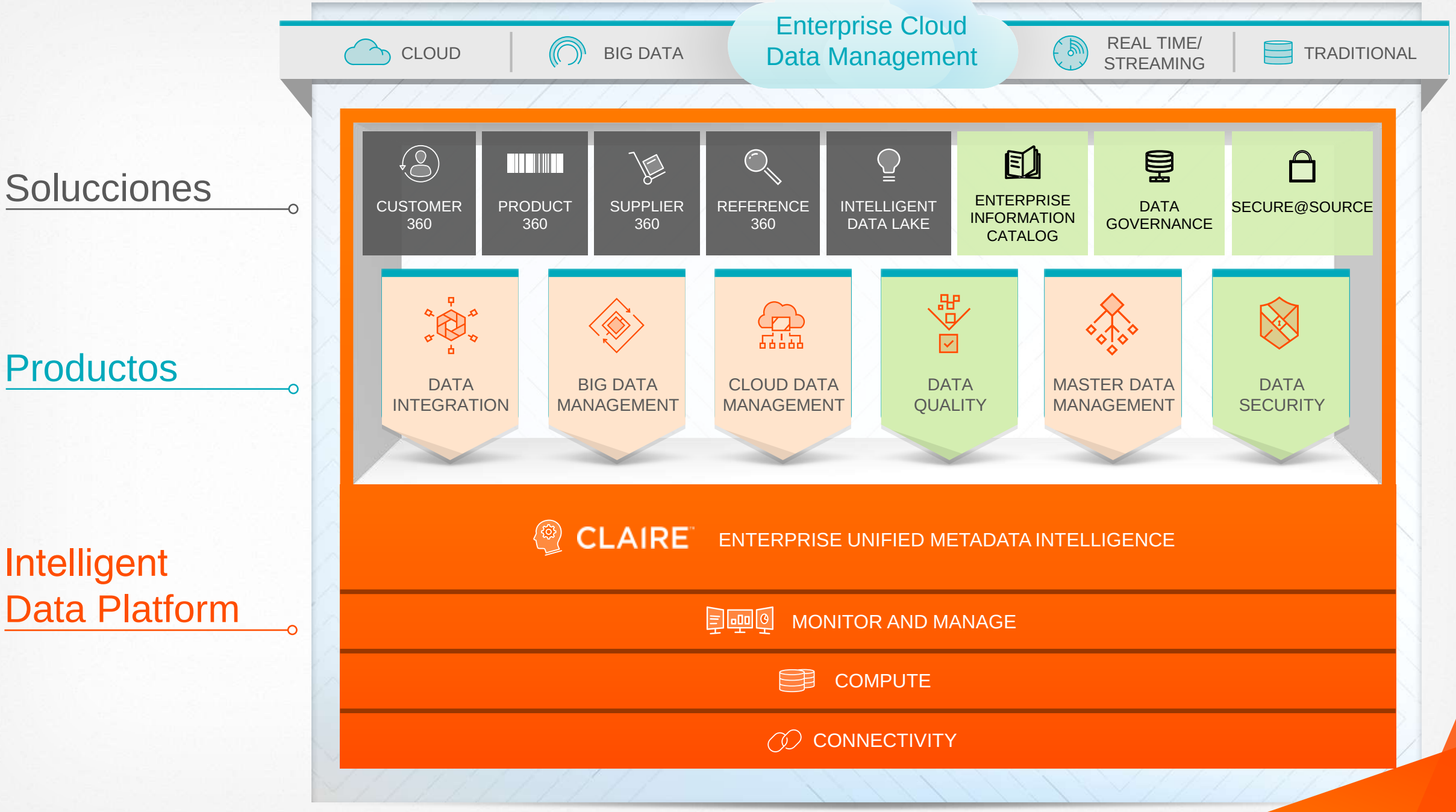
Enterprise Cloud Data Management
CLOUD
BIG DATA
REAL TIME/ STREAMING
TRADITIONAL
Solucciones
CUSTOMER 360
PRODUCT 360
SUPPLIER 360
REFERENCE 360
INTELLIGENT DATA LAKE
ENTERPRISE INFORMATION CATALOG
DATA GOVERNANCE
SECURE@SOURCE
Productos
DATA INTEGRATION
BIG DATA MANAGEMENT
CLOUD DATA MANAGEMENT
DATA QUALITY
MASTER DATA MANAGEMENT
DATA SECURITY
Intelligent Data Platform
CLAIRE
ENTERPRISE UNIFIED METADATA INTELLIGENCE
MONITOR AND MANAGE
COMPUTE
CONNECTIVITY

¡Gracias!

Marcelo Tardeli

Líder em Gobierno de Datos

mtardeli@informatica.com

Noviembre/2019