



First steps to S/4HANA projects in 2020

Paul Hammersley | EPI-USE Labs





Paul Hammersley

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Paul has for many years been a remarkable technical force at EPI-USE Labs. As SVP of the ALM Products, his portfolio includes System Landscape Optimization, and his hands-on experience of implementing Data Sync Manager and helping clients to manage data across the breadth of their SAP landscapes is unique. He has specialised knowledge about data security and how GDPR (the General Data Protection Regulation) impacts companies running SAP.





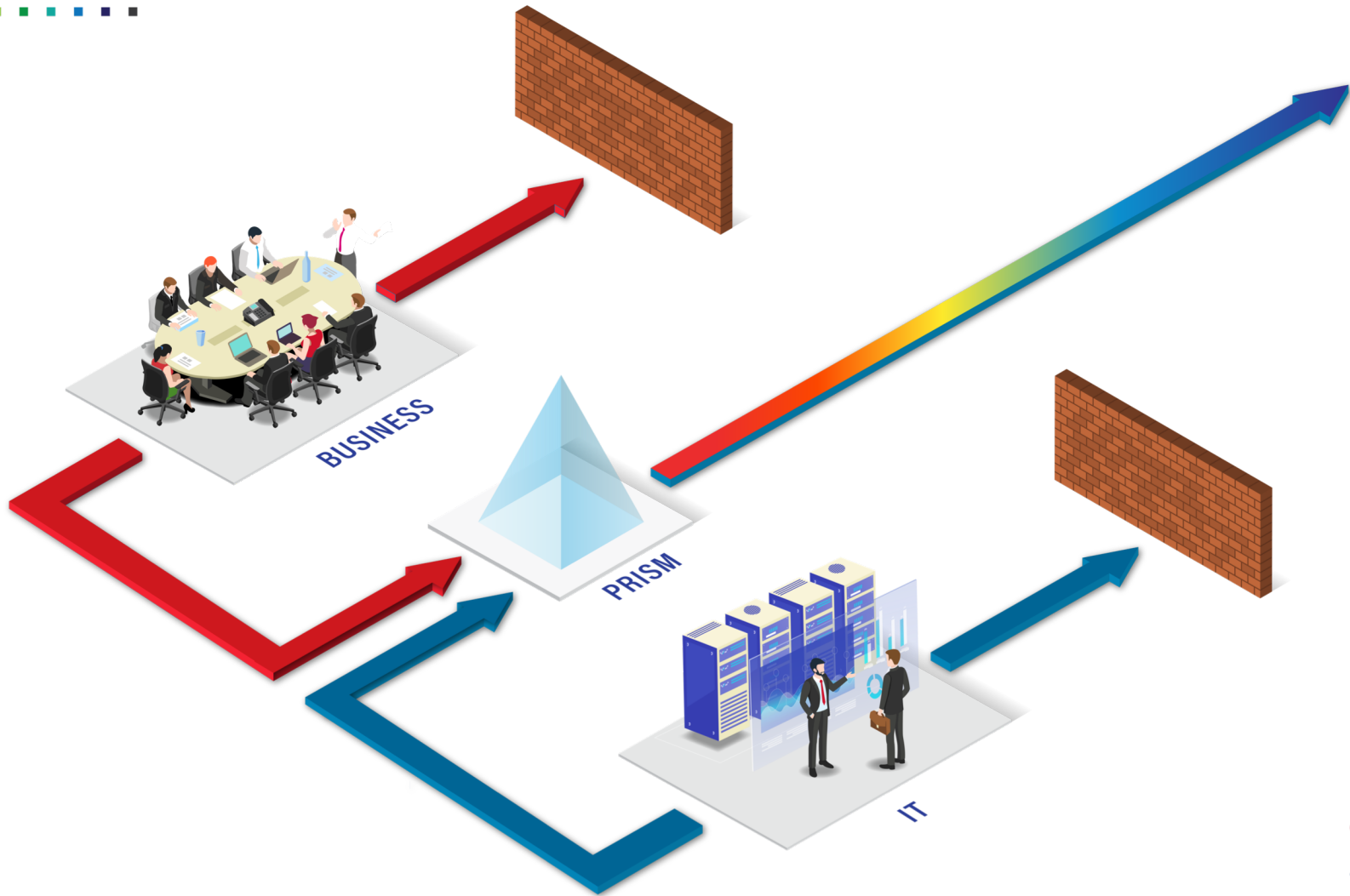
Types of S/4 project

- Greenfield
 - Typically Business Driven*
 - S/4 Cloud, S/4 Cloud Single tenant, S/4 hosted or on-premise
- Brownfield
 - System conversion but much more
- Selective Data Transitions



Why is Brownfield much more than a normal upgrade?

- S/4 is a new product line -> licensing discussion
- Replatforming also required -> longer downtime
- Preparation steps required – e.g. CVI
- Functional changes required as a result of 'simplifications'





TRANSFORMATION

WITHOUT RE-IMPLEMENTATION™

Client Central S/4 Assessment

CLIENT CENTRAL (Demo)

541-400 DSM Readiness

Status: Ready for review

Account: EPI-USE Labs

Managed by: EPI-USE Labs

Data extracted by: HDEL

Data extracted: 3 month ago

Created by: Mario Kueper

Created: 4 month ago

Company name: Company 10102

SAP system: S41 - 400 (SAP installation: 0090276460)

DSM ObjectSync version: 112

DSM ClientSync version: 112

Data extraction program version: 18 (Build 57)

Transport number: Unknown (Unknown)

Platform information

SAP version	751
SAP system types	N/A
Operating system	Linux
Database name	HDB

System size

Database size	233 GB
Database usage	111 GB
Overall size category	Small
DB specific size category	Small

Component versions

ABAP version	751 [SP 0000]
S/4 Core version	101 [Release 1610]
BW version	751 [SP 0000]

Data Secure Analysis

Possible object links to custom tables	0
Possible object links to custom tables with associated IMAPS	0

Business functions

271

Supported Objects

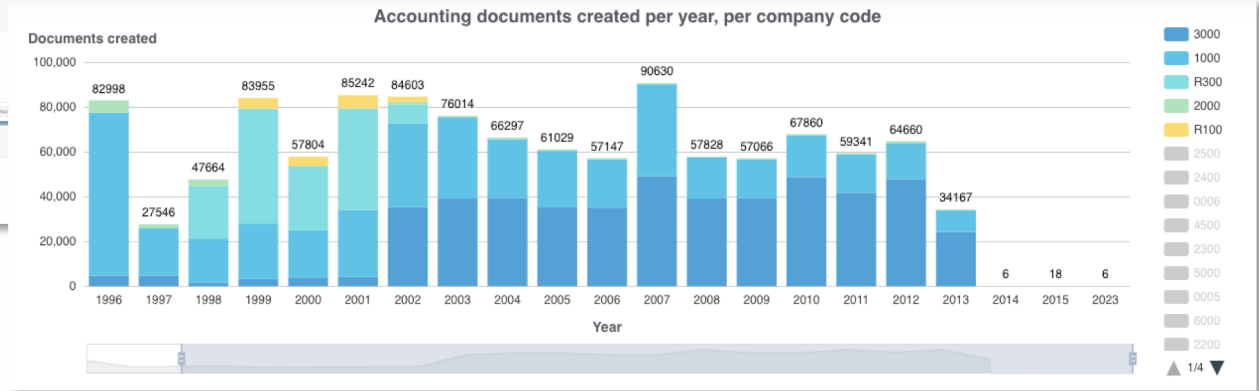
Top master data areas	Record count
ERP-LO (Logistics)	26,222
ERP-AC (Accounting)	17,431
Top transactional data areas	Record count
ERP-AC (Accounting)	322,926
ERP-AC-CO (Controlling)	168,552

HR Functions

Payroll countries	0
Concurrent Employment	No
Multiple Employment	No
Global Employment	No

Operating concerns

1





Transformation without Re-implementation™





Sandbox

- Simplification item checks as part of S/4 HANA Readiness
- Master data changes (CVI, Materials etc)
- Replatforming (Linux/HDB)
- Software Update Manager (SUM)
- ABAP Test Cockpit
- Fiori & Auth changes





agri-nutrients
Ballance

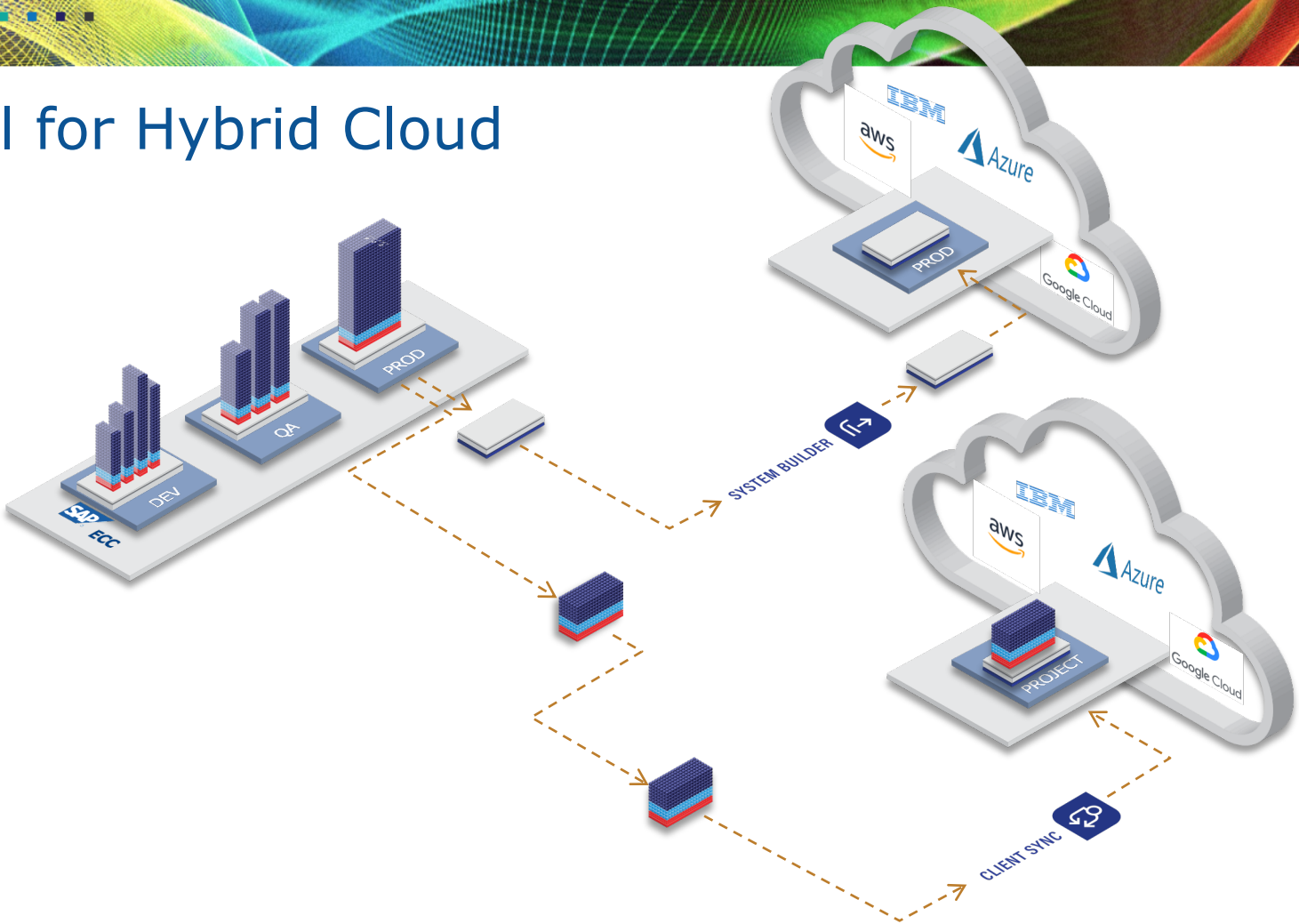
Together,
Creating the Best
Soil and Feed on Earth



The good, the bad, the ugly:

Setting yourself up to start the S/4 Journey

Ideal for Hybrid Cloud





Products

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SAP Partners with Microsoft for First-in-Market Cloud Migration Offerings

October 21, 2019 by SAP News



REDMOND, Wash., and WALLDORF — Building on a joint commitment to simplify and modernize customers' journeys to the cloud through project "Embrace," SAP SE (NYSE: SAP) and Microsoft Corp. on Monday announced an extensive go-to-market partnership — from conceptualization to sales — to accelerate customer adoption of SAP



SAP Partners with Ecosystem to Guide Customers to the Cloud



Our Intellectual Property

01

Risk & Compliance

- SAP data privacy suite
- SAP Insights for data loss protection (DLP)
- Data Secure

02

Modern Workplace & Analytics enablement

- HCM productivity packs
- Test data automation incl. hybrid management
- SAP SF Integration dashboards

03

Landscape, Testing & Data Management

- Data Sync Manager (Test Automation)
- SLO capability (incl. carve outs & mergers)
- Managed service & custom development capability

04

Archiving & Data Management

- Object Extractor (1000+ objects supported)
- Archive central

05

Application Performance & Custom Dev

- SAP Insights for performance monitoring
- ABAP Lib2 acceleration incl. Cryptographic library
- Query Manager oData generator

Microsoft Opportunities

- Azure Sentinel integration
- Elevate security compliance (up stack)
- Azure Active Directory user integration

- PowerBI / Excel enablement
- Alerting / Powerplatform extensions

- Workload cost calculation, optimization
- Azure Monitor integration
- SAM and license sales

- Azure Data Lake for Archiving
- Azure Data Bricks for modeling/reporting
- Leverage Azure ML to drive insights

- Azure Application Insights (APM)
- Serverless migrations
- MS Teams / PowerApps extensions



Transformation without Re-implementation™



Selective Data Transition - Reduction of history

Customer Vendor Integration

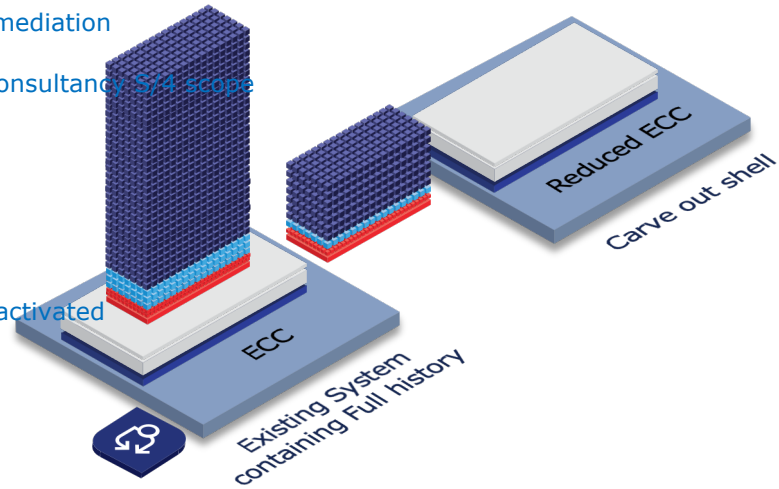
Flexible GL implementation

Custom code remediation

Functional consultancy S/4 scope

Technical upgrade

Functional switches activated





Transformation without Re-implementation™





Archive Central

Sunset applications while retaining secure role-based access to your data, reports, insights and adhering to regulatory compliance.



BROWSE, FILTER AND CONTROL ACCESS TO LEGACY DATA

Archivion Account 301031 Activities

Employee 301031

Effective Date	Employee Name (Last Suffix, First MI)	Employee Number	SSN (Formatted)	Alternate Title	Employee Status Code	Employee Status	Employee Type Code	Employee Type	Notes	Number of Payments	Termination Reason
10/02/2012	Lisa Smith	301031	999-99-9999	A	Active	REG	Regular			0	
05/14/2013	Lisa Smith	301031	999-99-9999	A	Terminated	REG	Regular			0	
01/09/2018	Lisa Smith	301031	999-99-9999	L	Terminated	REG	Regular			0	
08/05/2019	Lisa Smith	301031	999-99-9999	T	Active	REG	Regular			0	

Work

Effective Date	Hourly Pay Rate	Full/Part Time Code	Full/Part Time	Piece Pay Rate	Scheduled Annual Hours	Scheduled FTE	Scheduled Work Hours	Shift Code	Shift	Shift (Stub)	Shift Group Code	Shift Group	Weekly Hours	Weekly Pay Rate	Work Patte Code
10/02/2012	60.1625	F	Full Time	0.0	2080.0	1	80.0	Z	None	Z	None	0	707.9615		
05/14/2013	78.1698	F	Full Time	0.0	2080.0	1	80.0	Z	None	Z	None	0	1530.0977		
01/09/2018	53.1498	F	Full Time	0.0	2080.0	1	80.0	Z	None	Z	None	0	1730.3813		
08/05/2019	97.5289	F	Full Time	0.0	2080.0	1	80.0	Z	None	Z	None	0	161.3184		

Salary

Effective Date	Annual Salary	Budgeted FTE (Current Year)	Budgeted FTE (Last Year)	Budgeted Salary (Current Year)	Budgeted Salary (Last Year)	Estimated Net Commission Amount	Estimated Total Commission Expected Amount	Estimated Total Remuneration Amount	Salary Grade Code	Salary Grade	Salary/Hourly Code	Salary/Ho
10/02/2012	96372.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	B27	B27	S	Salaried

Job

Effective Date	Job Code	Job	Job Change Reason Code	Job Change Reason	Job Family Code	Job Family	Job Group Code	Job Group	Job History Modification Created By	Job History Modification Created By (User Name)	Supervisor ID
10/02/2012	SALES0DR	Sales Director	200	Merit Increase	SALDR	Sales Director			Smith, Daniel	FF900571	B6590A000K0

Union

Effective Date	Local Union Code	Local Union	Local Union (Short)	National Union Code	National Union	National Union (Short)
10/02/2012						

Change

Effective Date	Reason Code	Reason	Retrospectively Inserted Job History Record	Retrospectively Inserted Record System ID	Step Number
10/02/2012	200	Merit Increase	true		
01/09/2018	200	Merit Increase	false		

Location

Effective Date	Location Code	Location	Location Name	Location Reporting Category Code	Location Reporting Category
10/02/2012	PTA	Irving Location	Tx-irving	IRVING	Irving
05/14/2013	INT	Irving Location	Tx-irving	IRVING	Irving
01/09/2018	MUN	Irving Location	Tx-irving	IRVING	Irving
08/05/2019	TXHQ	Irving Location	Tx-irving	IRVING	Irving

Company

Effective Date	Company Code	Company	Company Code	Company Name	Company Country Code
10/02/2012	DAT	Data Incorporated	FF9	Company Name	USA

INTEGRATED REPORTING



AUDIT LOGGING AND ROLE-BASED ACCESS CONTROL

The image displays two overlapping screenshots of the Archivion web application interface. The background screenshot shows the main dashboard for 'Robotics, Inc.', featuring navigation icons for Solutions, Users, Roles, and Activities. The 'Activities' section is expanded, showing a list of audit logs for user 'John Doe' viewing employee records.

The foreground screenshot shows the 'Edit US Supervisor' page, which is used for configuring role-based access control. It includes a 'Role details' section with a 'Name' field (required) and a checkbox for automatic role assignment. Below this is a 'Permissions' section with two entries for 'Collection - Employees', each with specific company codes and a 'View' permission.

Archivion Account

Robotics, Inc.

Solutions Users Roles Activities

Solutions

No Solutions to display.

Users

- Jane Doe
Technical, User, US Supervisor
- John Doe
Technical, User, Admin, US Supervisor, DE Supervisor

Activities

- John Doe** viewed employee **629318**
Aug 29, 2019, 3:27 PM
- John Doe** viewed employee **100234**
Aug 29, 2019, 3:24 PM
- John Doe** viewed employee **481249**
Aug 29, 2019, 2:49 PM
- John Doe** viewed employee **481249**
Aug 29, 2019, 2:31 PM
- John Doe** viewed employee **598120**
Aug 29, 2019, 2:27 PM

[View all Activities](#)

Archivion Account

Edit US Supervisor [Delete](#)

Role details

Required fields are indicated with an asterisk (*).

Name *

US Supervisor

When a new user is created, automatically assign this role

[Save](#)

Permissions **Users**

Permissions

Collection - Employees

Company Country Code: USA Company Code: AIR, DAT

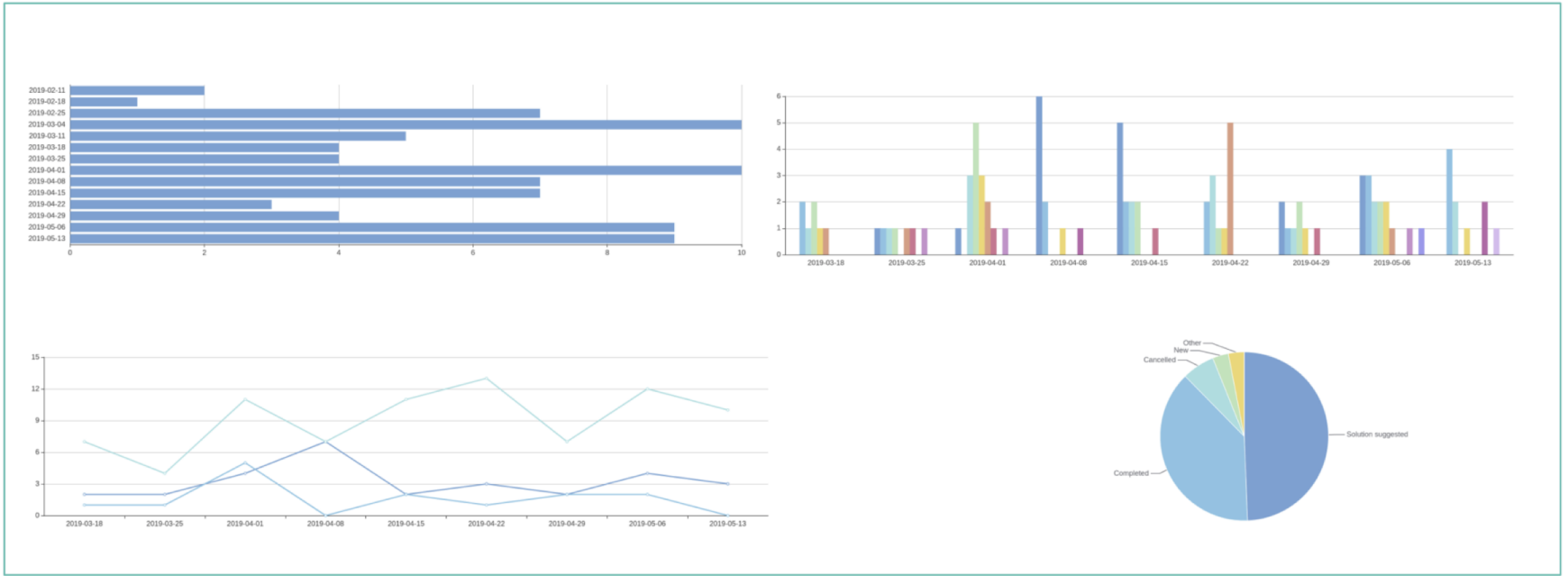
- View

Collection - Employees

Company Code: BRE Company Country Code: DE

- View

SIMPLE, INTUITIVE REPORTING





Questions?

