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NDC CONVERTER for BusinessObjects

Solution overview

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PROJECT SWISS RE

SAP
Innovation
Awards 2022

PROJECT CLARIANT

Unprecedented expertise in Enterprise Performance Management and Sustainability solutions in the SAP environment with a focus on planning, simulation, reporting, financial consolidation, **margin management**, and **carbon footprint reduction**

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More than 70 completed customer projects.

Focus on data warehousing, planning, reporting and simulation solutions in SAP Analytics Cloud, SAP DataSphere and Business Technology Platform since 2016.

Project deliveries in Switzerland and DACH.

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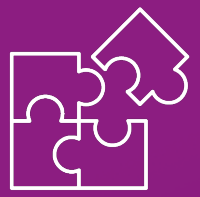
SAP Portfolio Expertise

SAC, BTP, S/4HANA, BW/4HANA, Datasphere, BW Bridge, BW IP, BO, BPC and more

Accelerated delivery

Solution packages, Predefined models, Add-ons, Widgets

Solutions & projects



Experience in various business areas across different industries

SAC Resource Pool

More than 50 experts, close cooperation with SAP Product team

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Converter value proposition summary

With up to 75% reduction of manual effort accelerates your cloud journey (SAP Analytics Cloud)

1 Cost estimate within 3 days

Within 2-5MD pre-migration analysis a reduction potential and cost estimate is presented

2 Fast ROI/Payback

At medium size BO landscape env. estimated realized savings are in range of 300 - 500K EUR

3 Delivered as E2E service

Besides **Converter** itself NDC provides migration experts and delivers business outcome

4 Enterprise scale

Converter scales to enterprise size with hundreds of universas and thousands of reports.

Limitations

- Only WebIntelligence reports are supported
- Must have BO 4.2+

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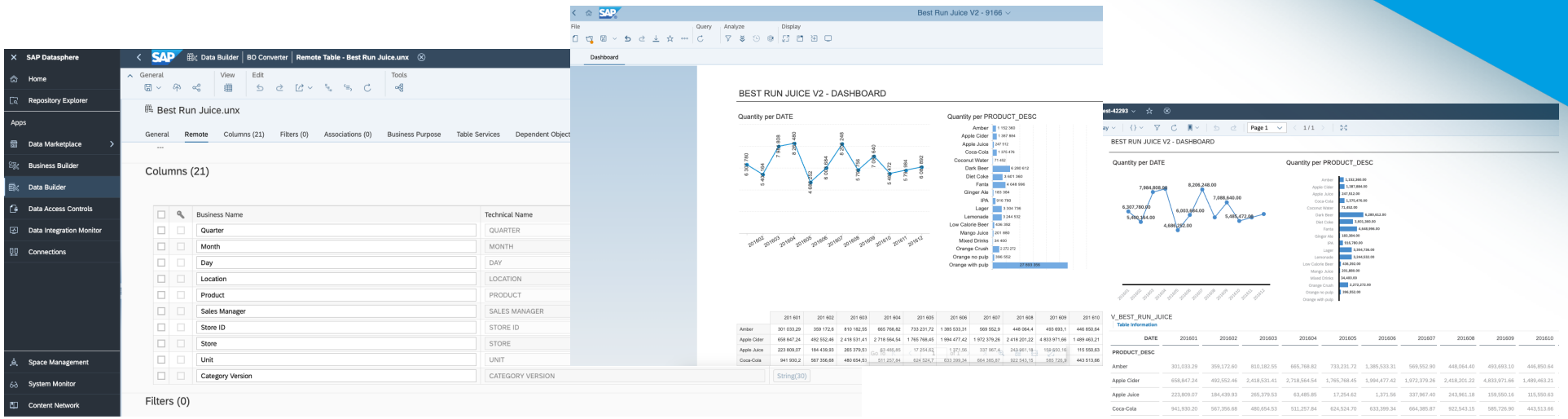
Main features



- **SAP Web Intelligence** query documents are converted and created as a remote tables in **SAP Datasphere**
- **SAP Web Intelligence** reports with all the elements such as tables, charts, titles, dimensions, measures, etc. are recreated in **SAP Analytics Cloud** using a RPA bot

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Architecture overview

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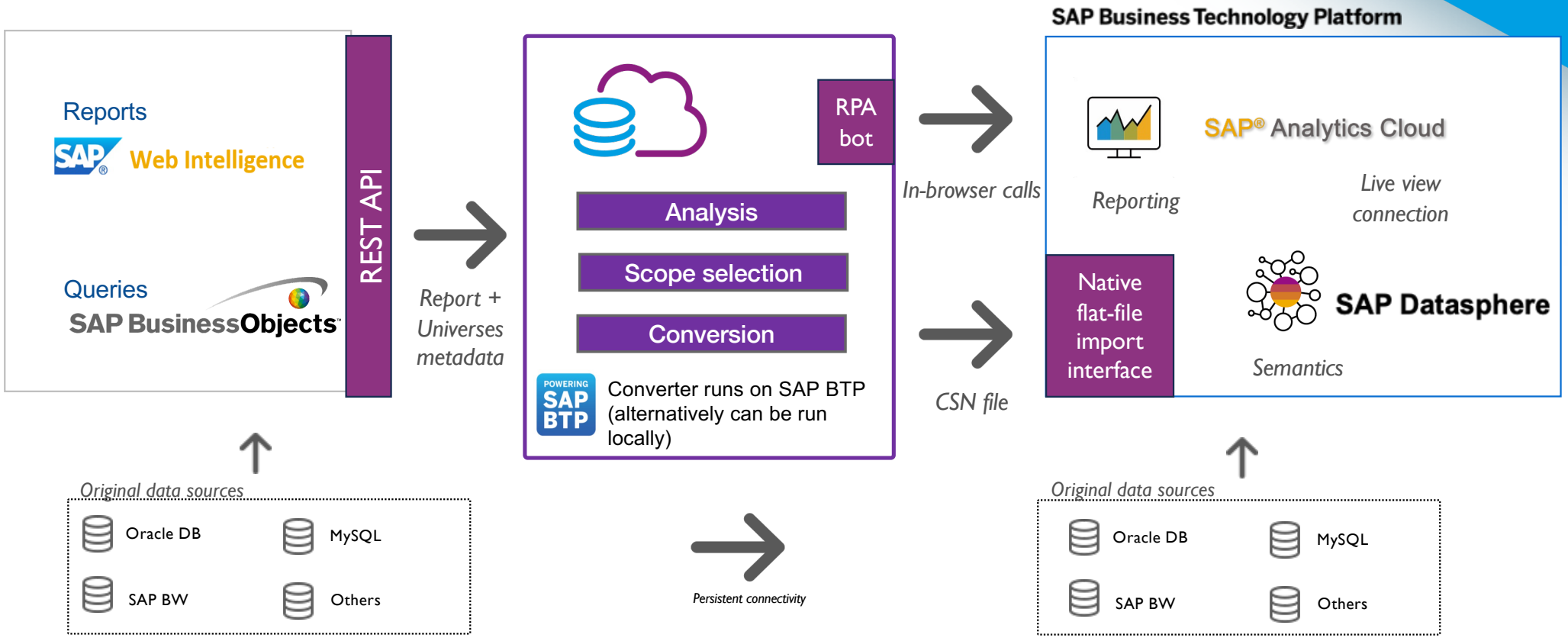

Target architecture **including** Datapshere and SAP Analytics Cloud

Existing architecture

Accelerate migration with NDC Converter for Business Objects

Target architecture

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POWERING SAP BTP

Converter runs on SAP BTP (alternatively can be run locally)

Migration scenario

Data are stored in SAP BW or other major DB (MySQL, Oracle etc.). BO Converter migrates dimensions and measures utilizing BO API and creates remote tables in Datasphere. Reports are migrated using RPA technology into SAC with 90% precision (fonts, layouts etc.). Source data are either replicated as snapshot or streamed via live connection.

Effort reduction potential

75%

Following this architecture up to 75% of manual effort is reduced – on enterprise scale with thousand of reports hundreds of man days are saved.

Target architecture SAP Analytics Cloud **WITHOUT** Datasphere

Existing architecture

Accelerate migration
with NDC BO Converter

Target architecture

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POWERING SAP BTP

Converter runs on SAP BTP
(alternatively can be run locally)

Migration scenario

Data are stored in SAP BW or other major DB (MySQL, Oracle etc.). This scenario does not include Datasphere and business logic is directly created in SAC, this introduces limitations on the level of complexity of business logic that can be migrated automatically. As in the previous scenarios reports are migrated via RPA technology

Effort reduction potential

Up to
50%

This architecture without DataSphere provides up to 50% of manual effort reduction as less elements can be automatically migrated due to missing semantic layer. Still savings are in lower hundreds of man-days.

Leveraging Datasphere can increase the **reduction to up to 75%**

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Converter perquisite's

- **Only Web Intelligence reports can be migrated.** (Due to missing outbound API Crystal reports and Lumira reports are not supported)
- **Customers MUST** run BusinessObjects 4.2+
- Network access required between individual components (SAC, SAP BW, DataSphere, source DBs...)
- SAP Analytics Cloud (depending on selected arch. SAP BW, Datasphere) licenses

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Engagement timeline

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Pilot project

- **4-6 weeks**
- **5-10 Web Intelligence Queries**
- **10-20 Reports**
- **Migration experts & SW license included**

Migration pilot project starts with initial onsite/remote workshop to answer key scoping questions :

- Number of Web Query Documents
- Number of Reports and their complexity
- Existing and to be architecture review

Following-up with proposal and upon acceptance the delivery starts. We gurateen business outcomes with 4-6 weeks.

Full BO landscape migration

- **3–6 months**
- **Hundreds Of Web Inteligence (WebI) documents**
- **One time license payment**
- **NDC migration experts driving the migration process**

Following successful pilot and building strong BO landscape knowledge full scope migration project is prepared and presented including commercials and architecture.

Based on our experience enterprise level BO landscapes migration with BO Converter automating up to 75% of manual effort is between 6-12 months depending on scope and other environment specifics.

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Migration process

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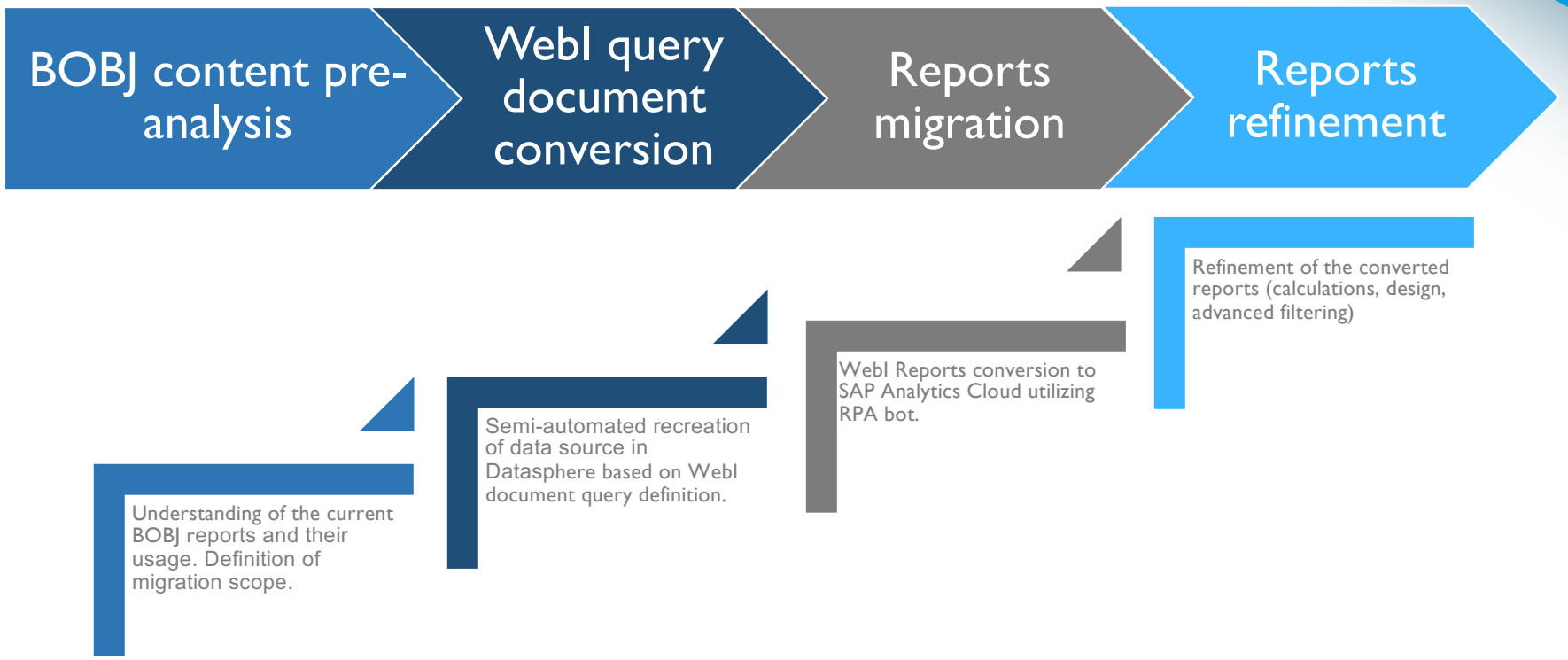

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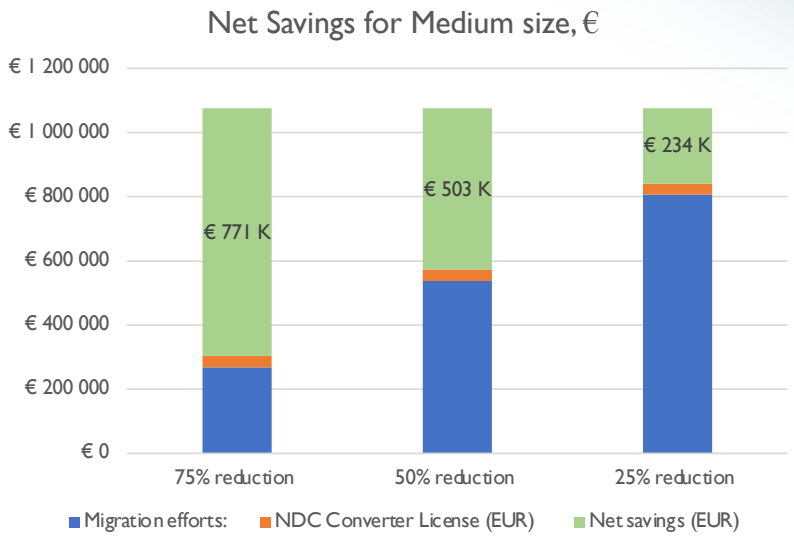
We expect to enable partners to deliver E2E service using Converter

	NDC runs E2E process	Partner runs E2E process	NDC completes partner
Responsibility	NDC consultants run analysis, project planning/management technical execution	Partner consultants cover entire migration process (analysis, project planning/management technical execution)	NDC offers migration experts on man-days to complement partners resources
Commercials terms	NDC bills directly a customer on time and material basis and 35K EUR for Converter license	NDC charges a partner 35K EUR one time license fee.	NDC charges a partner 35K EUR one time license fee and time and material basis for consulting.

Business Case - ROI

		BO Landscape	
	Small	Medium	Large
# Universe	20	50	100
# Reports (mix of complexity)	100	1000	5000
Manual migration effort			
In man-days	115	1075	5300
In EUR	€ 115.000	€ 1.075.000	€ 5.300.000
NDC Converter for Business Objects alternative costs (EUR)			
NDC Converter License (EUR)		€ 35.000,00	
Migration efforts:			
75% reduction	€ 28.750	€ 268.750	€ 1.325.000
50% reduction	€ 57.500	€ 537.500	€ 2.650.000
25% reduction	€ 86.250	€ 806.250	€ 3.975.000
Total (for 75% reduction)	€ 63.750	€ 303.750	€ 1.360.000



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