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SAP BO TO POWER BI

Organizations today operate in an era that highly prioritizes data and its applicability. Decision makers are in constant need for seamless and fast provisioning of accurate and real time data. The importance of self-service BI is fueled by this need for businesses to make critical decisions in a snap, based on exponential growth in data.

Power BI provides interactive visualizations and business intelligence capabilities with an interface simple enough for end users to create their own reports and dashboards. Power BI provides better data visualization, integration services, and better mobile capabilities compared to SAP BO. Following are some of the challenges & limitations of SAP BO.

Challenges & Limitations

Expensive licensing	Limited data visualization capabilities
Lesser synergies with O365 Workplace	More IT maintenance and support
Requires more time for recovery	Large amount of hardware resources

PACE Automation Workbench for SAP BO to Power BI Migration

Assess & Rationalize
- Assess the current reports inventory across various BO report versions, Crystal Reports and Free SQLs etc..
- Rationalize the reports using similar SQL queries and views for further fine-tuning and collapsing approach.

Validation & Deploy
- Validation of the Data in the report and the Visualizations
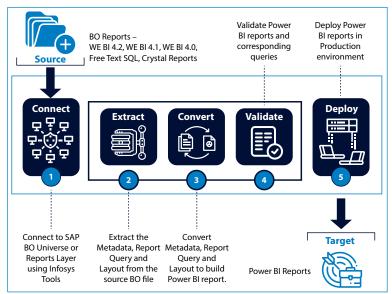- Deploy to Power BI production environment

Auto Extract
Auto Deploy
Auto Convert
PACE
Auto Validate

Extraction
- Meta Data Extraction
- Query extraction for all parameterized queries and plain queries
- Script Extraction
- Data Visualizations
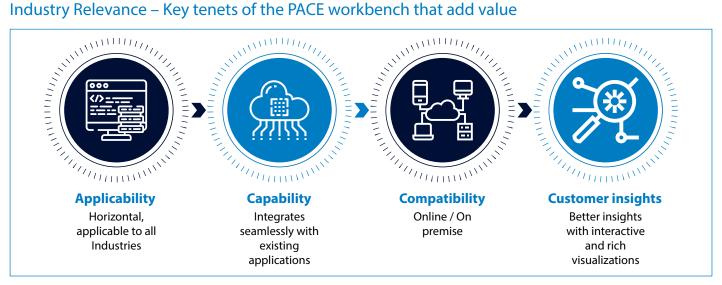- Layout specific requirements

Convert
- Conversion of Meta Data, Query into Power BI
- Conversion of Scripts used in source reports
- Creation of Power BI templates for repeatable layouts

SAP BO to Power BI Migration Approach

BO Reports –
WE BI 4.2, WE BI 4.1, WE BI 4.0,
Free Text SQL, Crystal Reports

Validate Power
BI reports and
corresponding
queries

Deploy Power
BI reports in
Production
environment

Source

Connect 1

Extract 2

Convert 3

Validate 4

Deploy 5

Target

Power BI Reports

Connect to SAP
BO Universe or
Reports Layer
using Infosys
Tools

Extract the
Metadata, Report
Query and
Layout from the
source BO file

Convert
Metadata, Report
Query and
Layout to build
Power BI report.

Industry Relevance – Key tenets of the PACE workbench that add value

Applicability
Horizontal,
applicable to all
Industries

Capability
Integrates
seamlessly with
existing
applications

Compatibility
Online / On
premise

Customer insights
Better insights
with interactive
and rich
visualizations

Benefits

- Optimized Migration Effort with **30%** reduction in overall effort

- **100%** accuracy in Solution Quality

- Faster Deployment – **35 to 40%** faster TAT ensure faster Go To Market

- With interactive UI, collaborative & social BI the solution will elevate user experience

- **~ 30%** savings on licensing ensure reduced TCO

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For more information, contact askus@infosys.com