Carbon

Product Overview

Available on SAP Store

SAP® Endorsed App
Premium Certified

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The Project Management Landscape

P6 integrates with SAP ERP systems, each providing unique functionality.

SAP

- Asset management
- Project accounting
- People, materials and equipment

ORACLE PRIMAVERA P6

- Project planning and scheduling
- Resource leveling
- Critical path identification

SAP-P6 Integration Challenges

Differing information between the two systems causes **time** and **performance challenges**

Project Management, Plant Maintenance, Finance

- No central view of comprehensive project data
- Multiple manual entries required to sync systems
- Inaccurate reporting due to outdated data

Information Technology

- Complex custom code
- Total cost of ownership
- Reduced agility

Carbon

Simplify complex project management integration

Carbon rapidly synchronizes large transaction volumes between SAP and project planning systems, allowing for quicker decision-making and improved project performance.

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SAP ECC *or* SAP S/4HANA	Carbon	Primavera Cloud *or* On-premise
📋 Work Orders	**SAP HANA**	📊 Projects
📊 Projects		
SAP		**ORACLE** PRIMAVERA P6

Integrate
A simplified and open architecture enables flexible SAP - Primavera P6 integration

Accelerate
SAP HANA's in-memory performance improves sync times for large volumes of data and ensures project information is always up to date

Automate
Ability to set selection parameters and enable automatic or on-demand synchronization
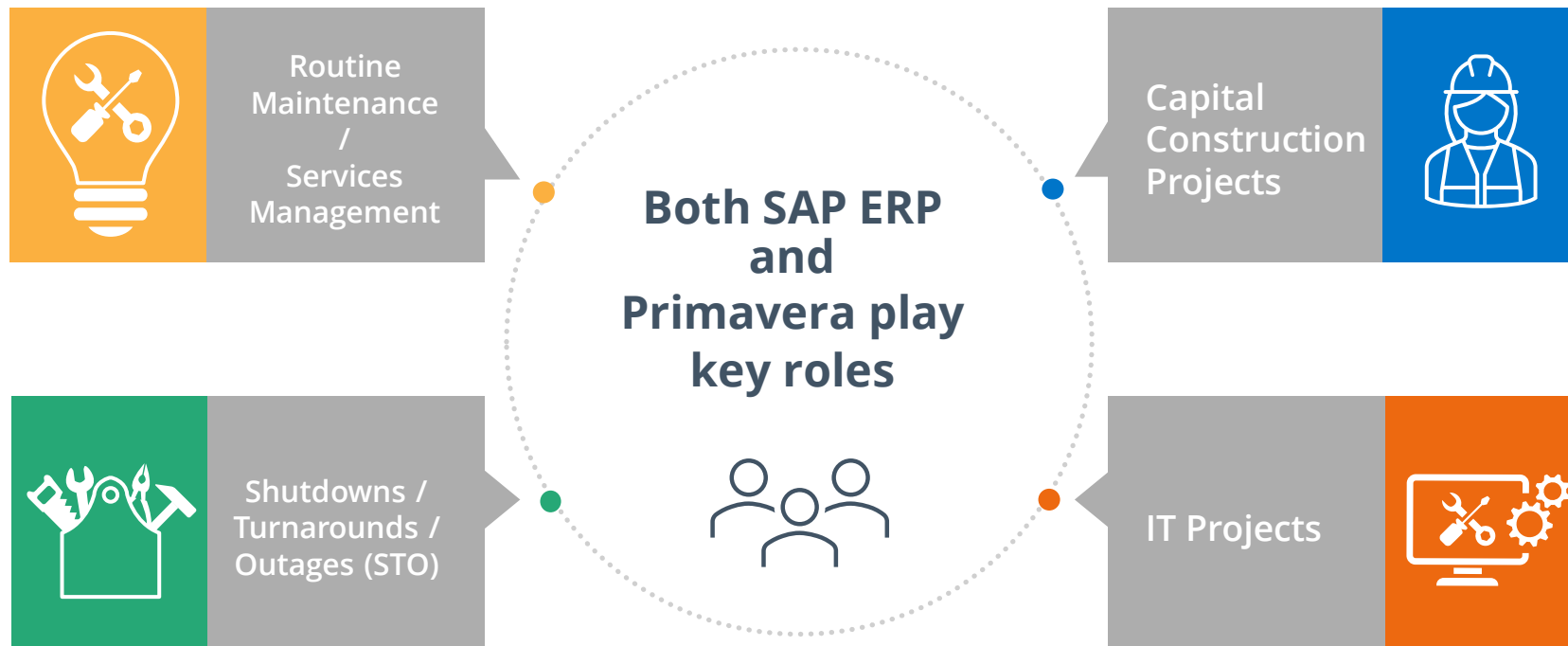
SAP® Endorsed Apps
Premium Certified

Available on premise or in the cloud
Available as an application bundled in the SAP Business Technology Platform
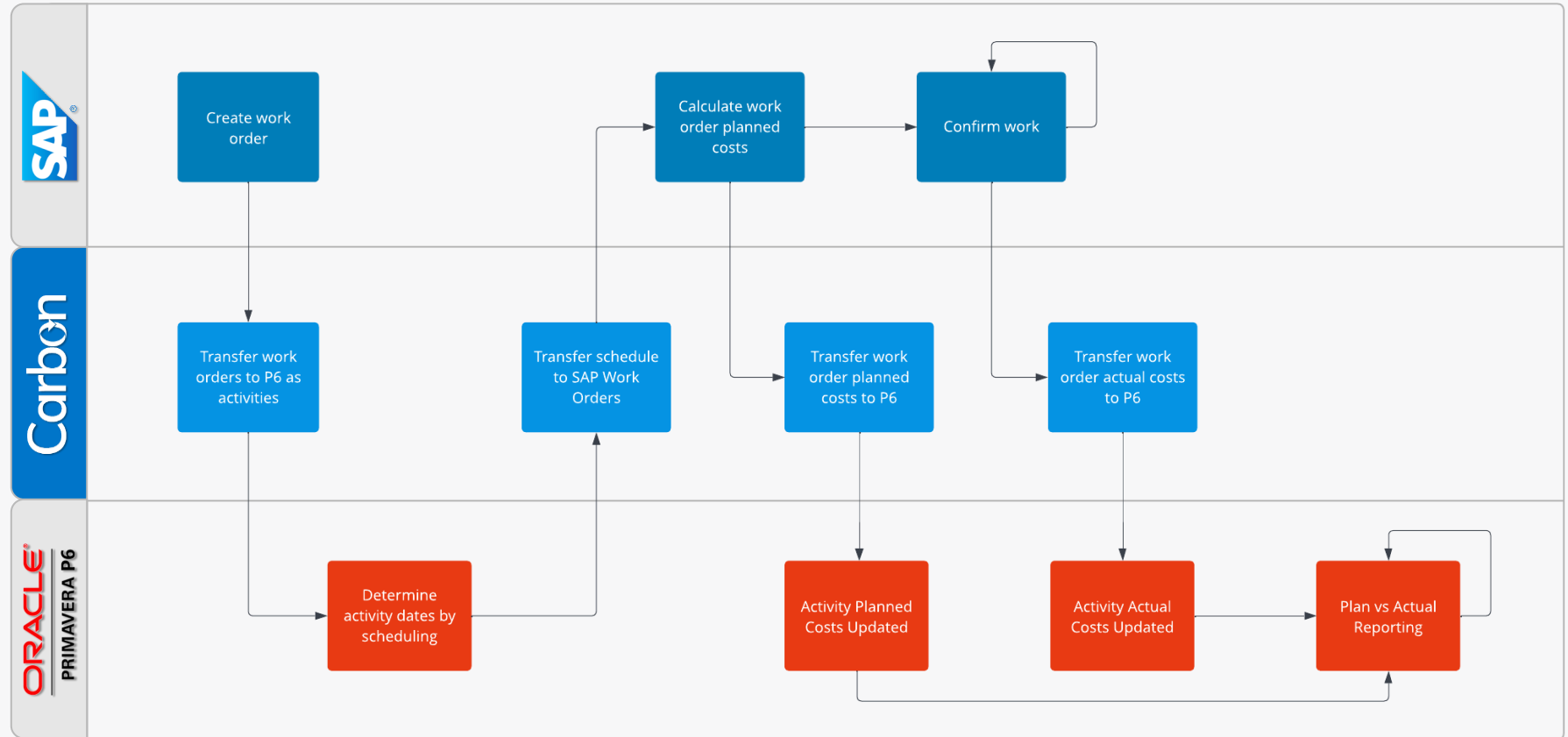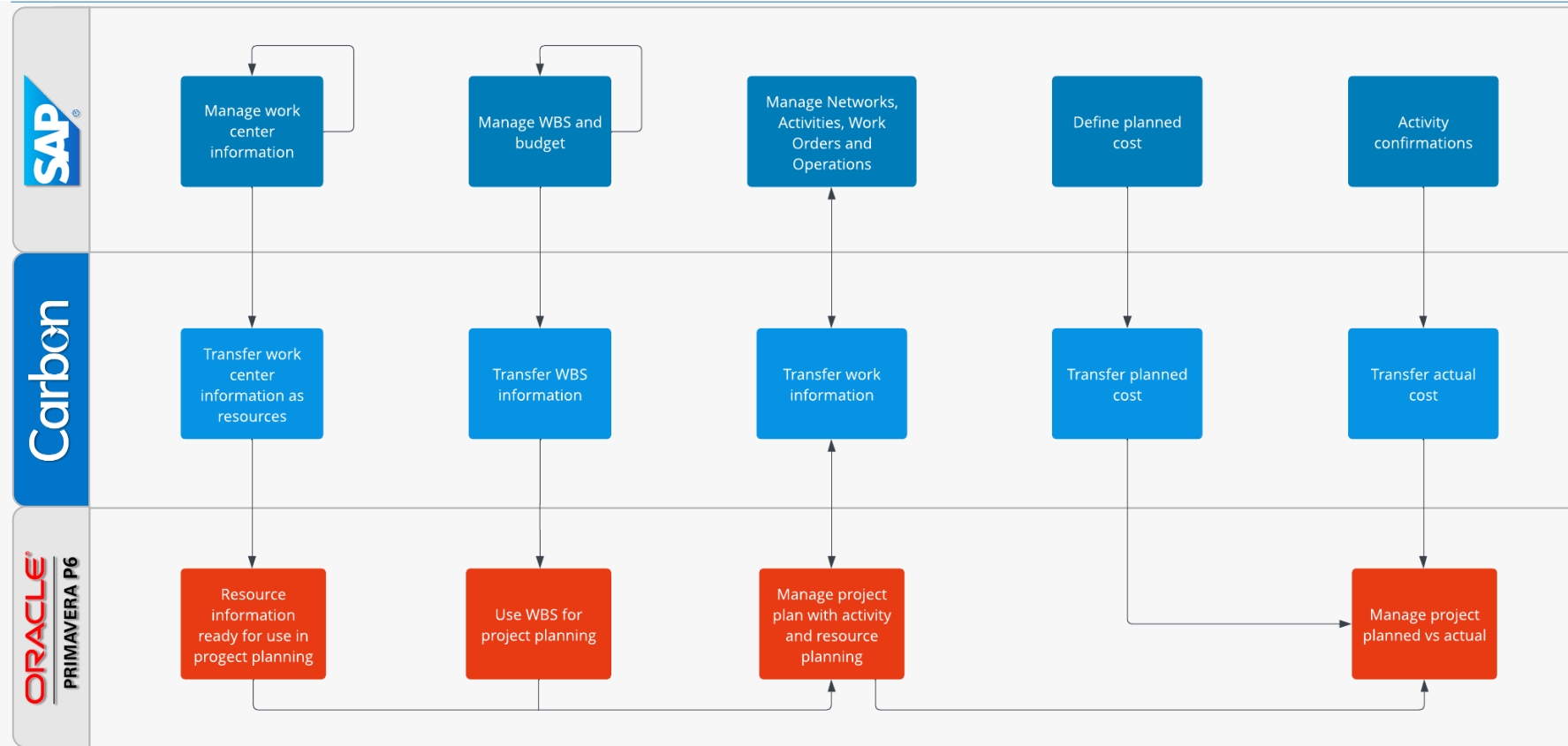
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SAP Store

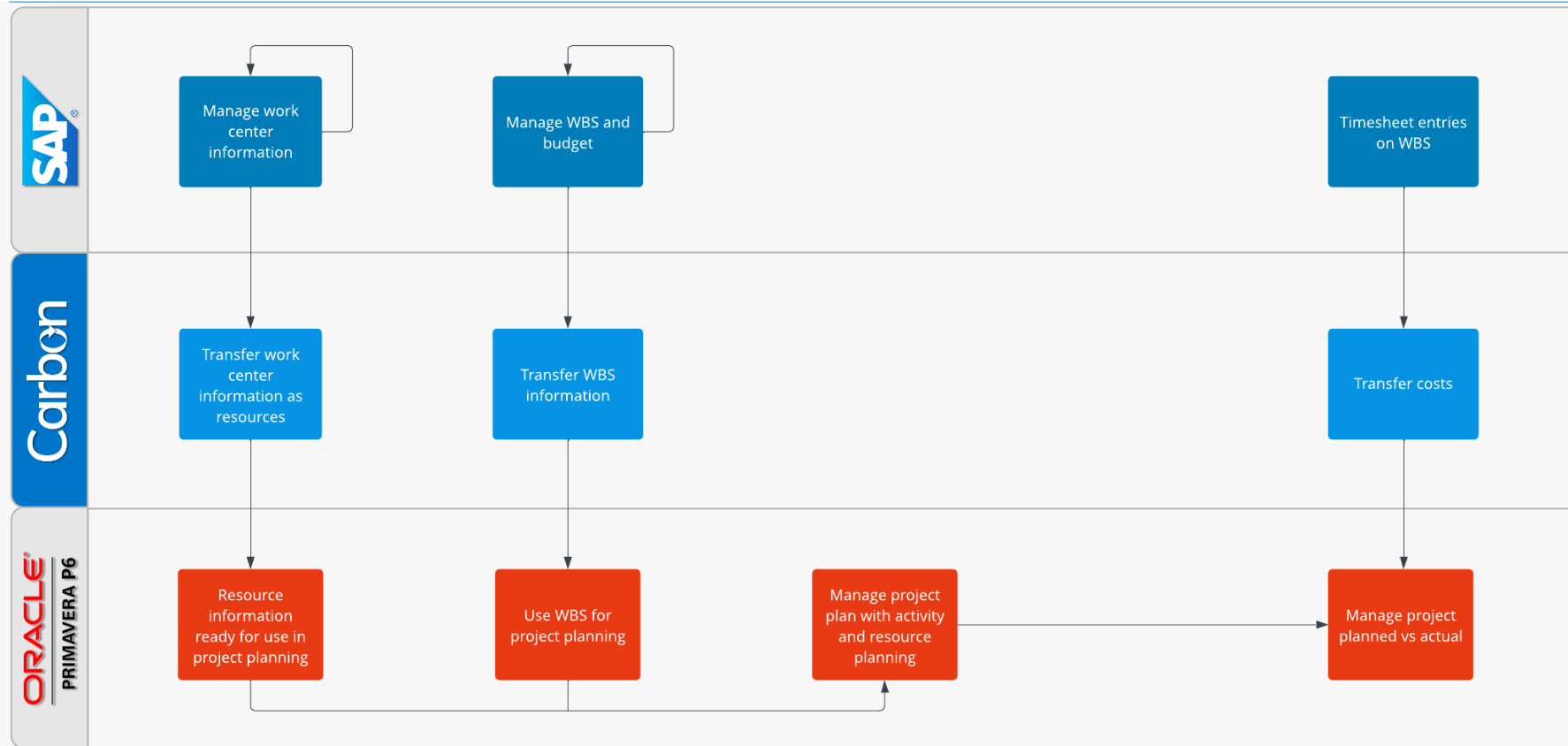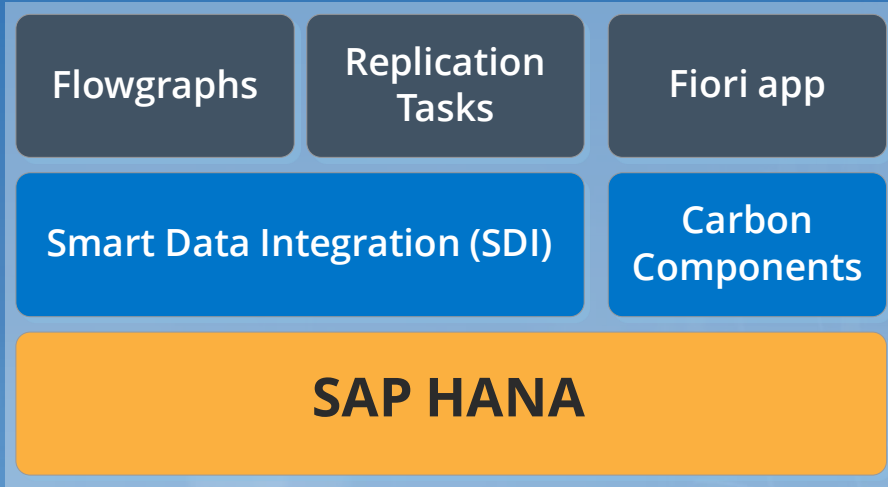# High Impact Scenarios

Routine Maintenance / Services Management

Capital Construction Projects

Both SAP ERP and Primavera play key roles

Shutdowns / Turnarounds / Outages (STO)

IT Projects

Routine Maintenance / Services Management

STO and Capital Construction Projects

IT Projects

Integrate

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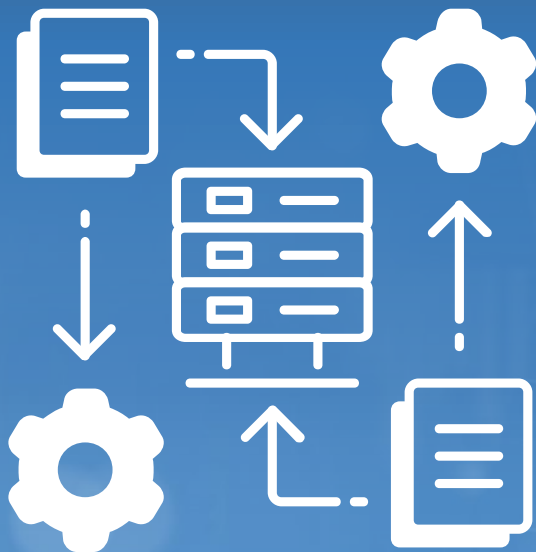|		
Flowgraphs	Replication Tasks	Fiori app
Smart Data Integration (SDI)		Carbon Components
SAP HANA		

Sync your critical project data between SAP ERP and Primavera P6

Transactional

- Projects
- WBS (Work Breakdown Structure)
- Networks & Activities
- Work / Service Orders & Operations
- Relationships

Master Data

- Work Centers
- Employee

Accelerate

Smart Data Integration (SDI) provides tools to process data at the speed of SAP HANA

- **A simplified landscape** - One environment streamlines provisioning and data consumption
- **In-memory database** - Increased speed and decreased latency
- Up to **10X performance improvement** compared to competing solutions per Rizing's benchmarking analysis
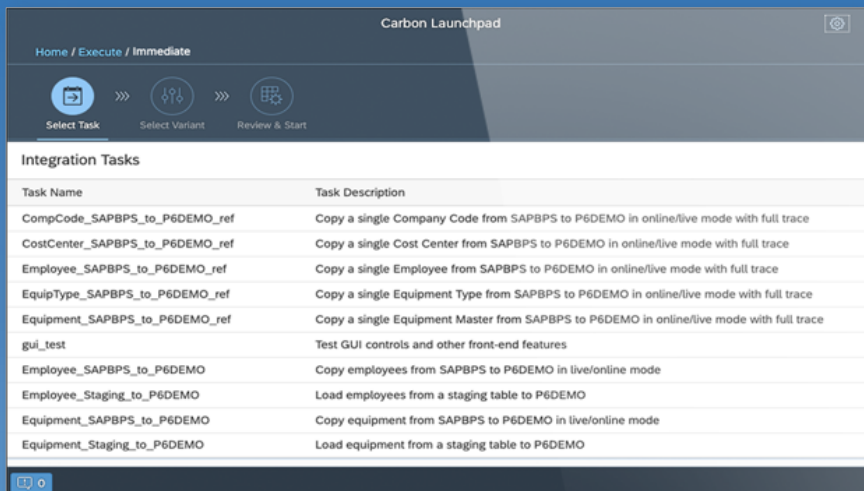
Automate

Schedule your SAP ERP and Primavera P6 synchronizations

Fiori UX
- Familiar user experience
- Browser-based interface
- Enables on-demand synchronization
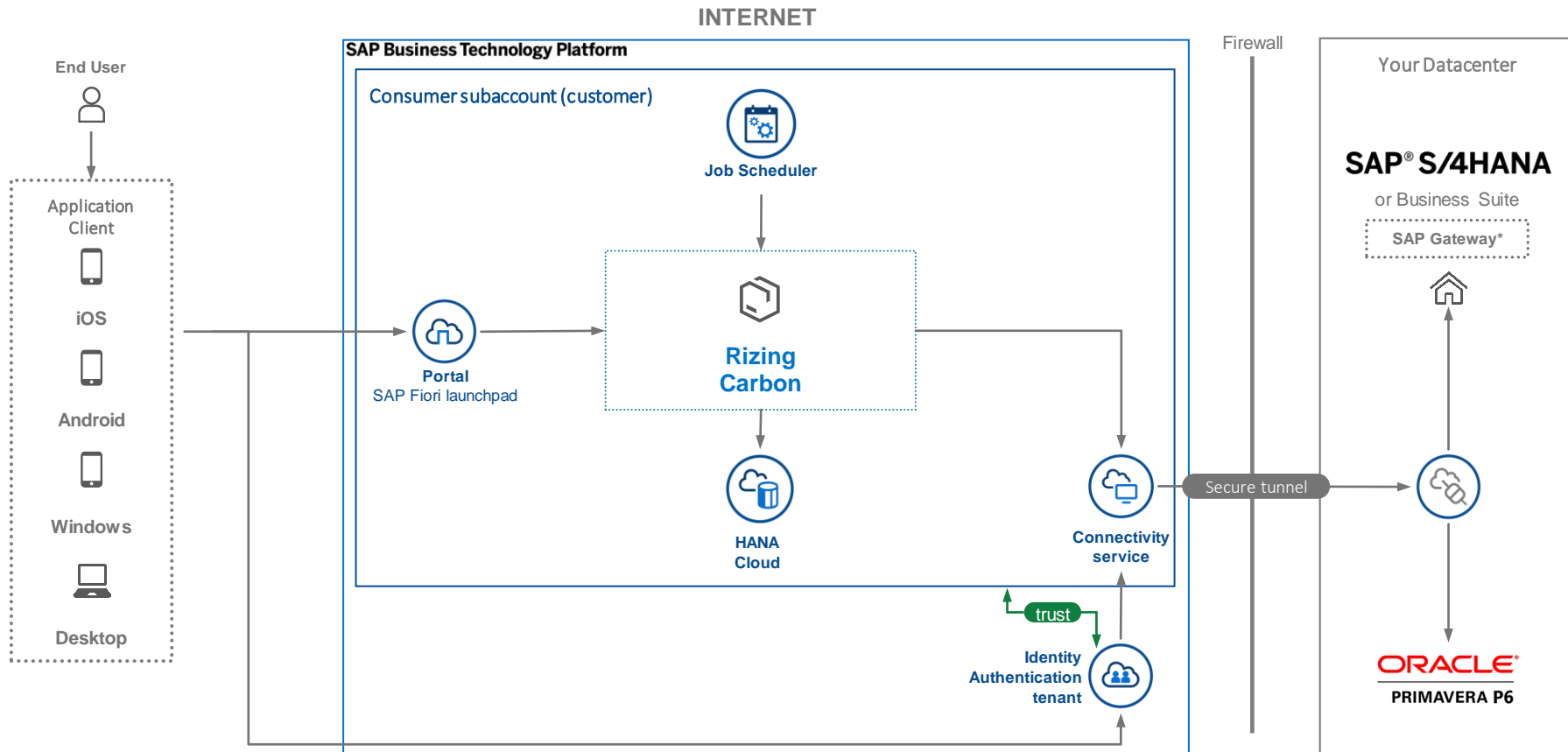- Comprehensive selection and filter criteria

Data Governance and Security
- Role based security
- Track and audit integration transactions
- Monitor progress and history of synchronization transactions

Carbon Architecture

SAP Business Technology Platform

Consumer subaccount (customer)

Job Scheduler

End User

Application Client

iOS

Android

Windows

Desktop

Portal
SAP Fiori launchpad

Rizing
Carbon

HANA
Cloud

Connectivity
service

trust

Identity
Authentication
tenant

Firewall

Your Datacenter

SAP® S/4HANA

or Business Suite

SAP Gateway*

Secure tunnel

ORACLE®
PRIMAVERA P6

Deployment Options and Versioning

Carbon

- Carbon supports:
  - SAP ECC 4.7 and higher
  - SAP S/4HANA on-premise
  - SAP S/4HANA Cloud, private edition

- An ABAP Add-On Package is deployed in SAP ERP

- Carbon uses the SAP Cloud Connector to communicate with SAP ERP on-premise

- Deployment options:
  - HANA 2.0 on-premise
  - SAP HANA Cloud
  - SaaS

- Carbon supports:
  - Primavera P6 on-premise version 16 and higher
  - Primavera P6 Cloud version 19.12.5 and higher

Carbon's Benefits Are Clear

Synchronize project information in near real-time

Improve planning, scheduling and forecasting

Expedite decision-making

Improve cash flow predictability

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Thank You!

For additional detail, please contact us at:

Products@rizing.com

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