



FCC-BTP Journey, Driving Innovation with Simplicity

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Florida Crystals & American Sugar Refining



Vertically-Integrated From Farm to Table

Sugarcane Farming & Milling



- One of largest sugarcane farming groups globally
- 2 sugar mills + 4 affiliate-owned mills
- Sugarcane crushing capacity p.a. - 2.5 MMT + 12.65 MMT by affiliates
- Energy from biomass p.a. - 240,000 MWhr + 500,000 by affiliates

Sugar Refining



- #1 global cane sugar refiner
- 9 refineries + 2 affiliate-owned refineries
- Sugar refining capacity p.a. - 5.7 MMT + 570,000 MMT by affiliates

Packaging & Distribution



- Leading marketer and distributor of packaged sweeteners globally
- Manage 50+ facilities throughout the Americas and Europe

Florida Crystals & SAP – A 25 Year Partnership of Growth



After many years of M&A and technical upgrades, focus and investment for last 5 years has been on true business process transformation...



■ 1995 – SAP Introduced at Florida Crystals

- SAP R/3 2.2E implemented starting execution of value added product business strategy

■ 2001-15 Mergers & Acquisitions enabled with SAP

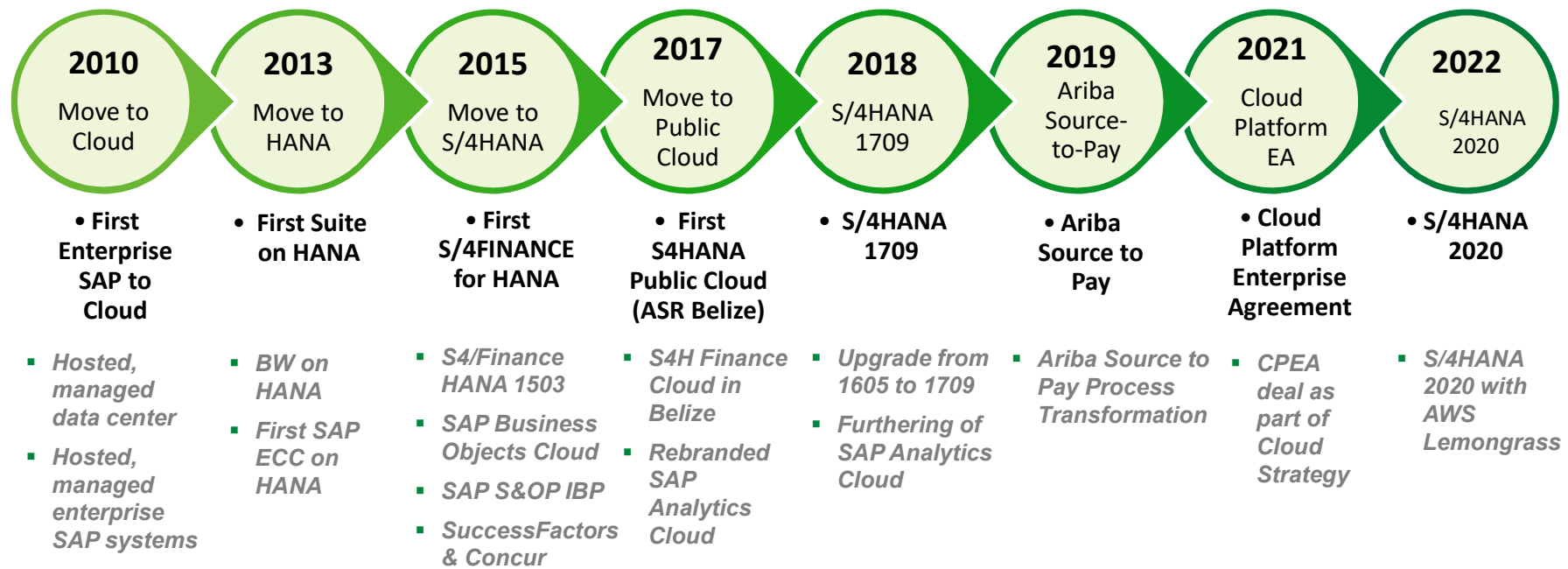
- Minimal process harmonization or standardization with exception of 2008-10 when some North American processes were harmonized and SAP instances consolidated

■ 2015-20 Functionally-driven Process Transformation

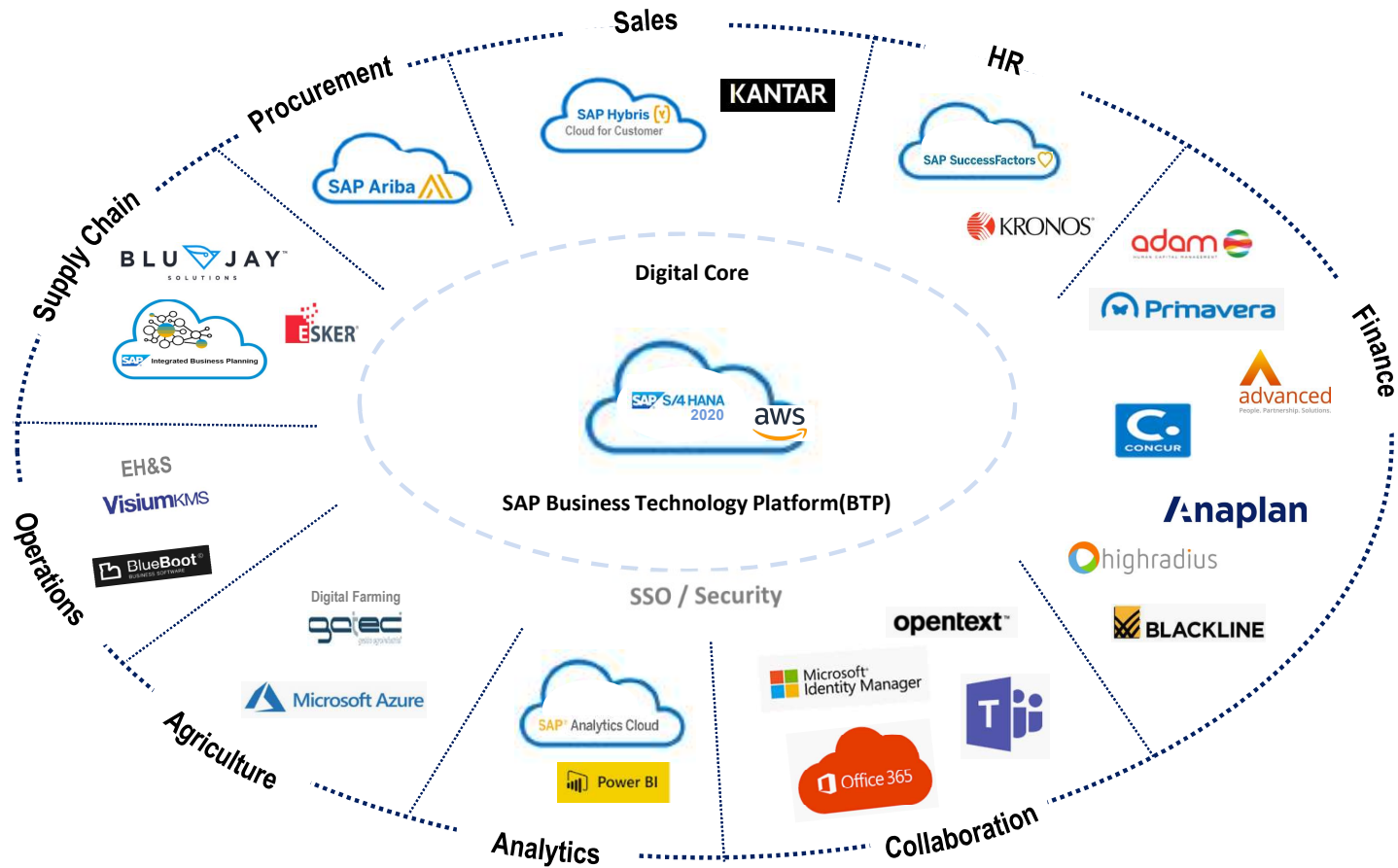
- **Customer Service & Logistics** – S&OP, Demand Planning, EWM Warehouse Management/Automation
- **Procurement** – Ariba Sourcing, Buying, Payment, Contract Management, Supply Chain Collaboration
- **HR** – SuccessFactors On Boarding, Learning, Performance Management, Talent Management, Compensation
- **Finance** – Expense Mgmt. with Concur, Cash Application with High Radius, Blackline Account Reconciliation
- **NPD** – PLM, Product Portfolio Management, Finished goods sustainability
- **Operations** – Plant Maintenance User Experience

Florida Crystals SAP Cloud Journey – A Series of Firsts

A partnership of shared risk and reward



SaaS Platforms Driving Enterprise Architecture



Digital Transformation



Get started



Enter an instruction or select a preset, and watch the API respond with a **completion** that attempts to match the context or pattern you provided.

You can control which **model** completes your request by changing the model.

KEEP IN MIND

- 📌 Use good judgment when sharing outputs, and attribute them to your name or company. [Learn more.](#)
- 📈 Requests submitted to our models may be used to train and improve future models. [Learn more.](#)
- 📅 Our default models' training data cuts off in 2021, so they may not have knowledge of current events.

Playground

Load a preset...



Save

Digital Transformation



Digital transformation is the process of leveraging digital technologies to create new or modify existing business processes, culture, and customer experiences to meet changing business and market requirements. It is the process of driving new value for customers and employees by leveraging digital technology. It is a fundamental shift in how an organization uses technology, people and processes to deliver value to customers. It is the integration of digital technology into all areas of a business, resulting in fundamental changes to how businesses operate and how they deliver value to customers. Digital transformation is an opportunity to create a more agile, efficient, and customer-centric organization.

Source – Chat GPT

What Is SAP BTP?

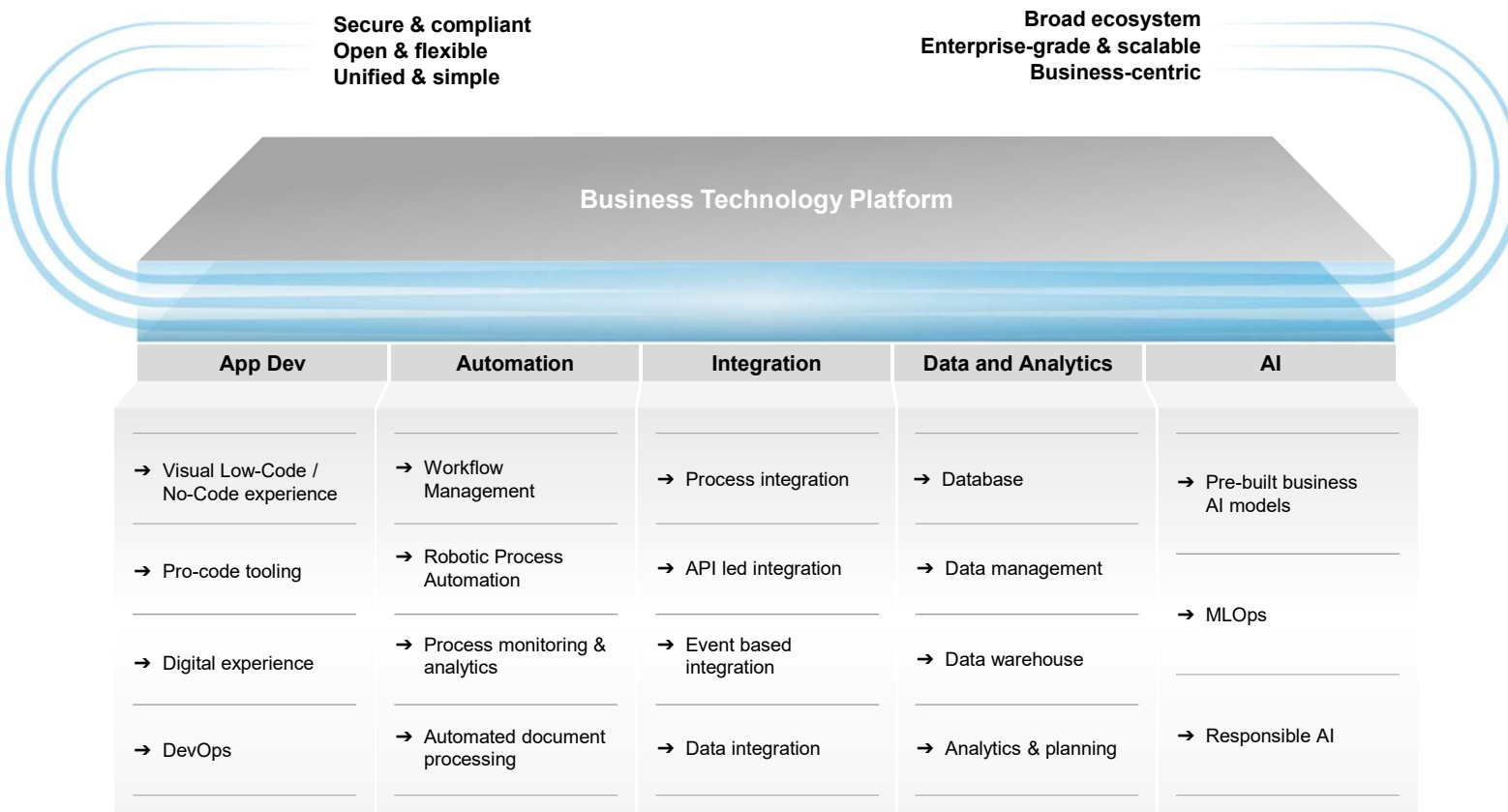


The platform that brings together application development, automation, data management, analytics and planning, integration, and AI capabilities into one unified environment optimized for SAP applications

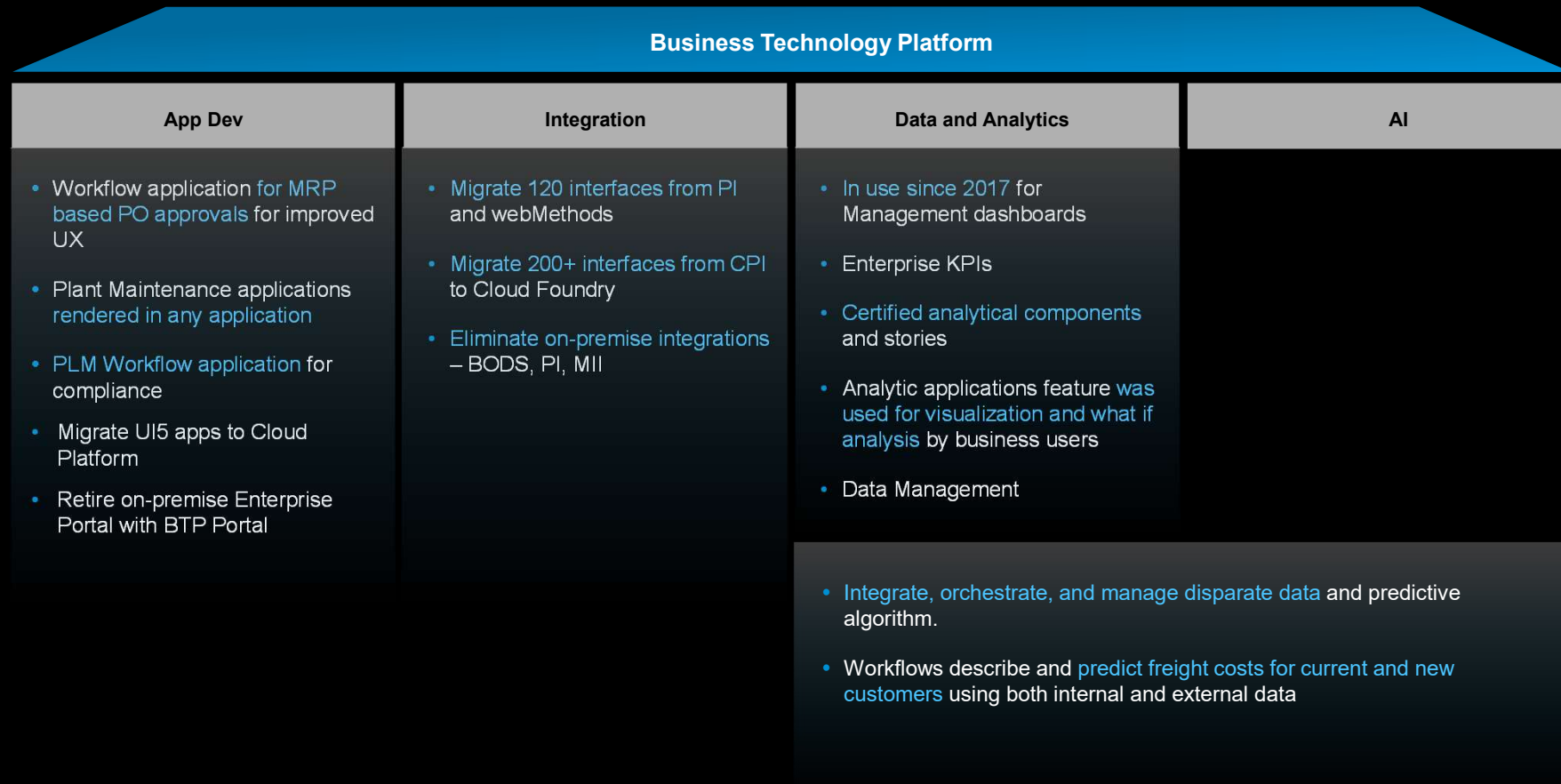
It is a comprehensive solution with:

- An intuitive, modern development environment for both, professional IT and citizen/business developers
- Prebuilt data models, integrations, workflows, app templates, and AI business services
- Self-service data discovery, modeling, planning and analytics, for business users in a governed environment
- Availability on Microsoft™ Azure™, AWS™, Google Cloud™ and Alibaba Cloud™

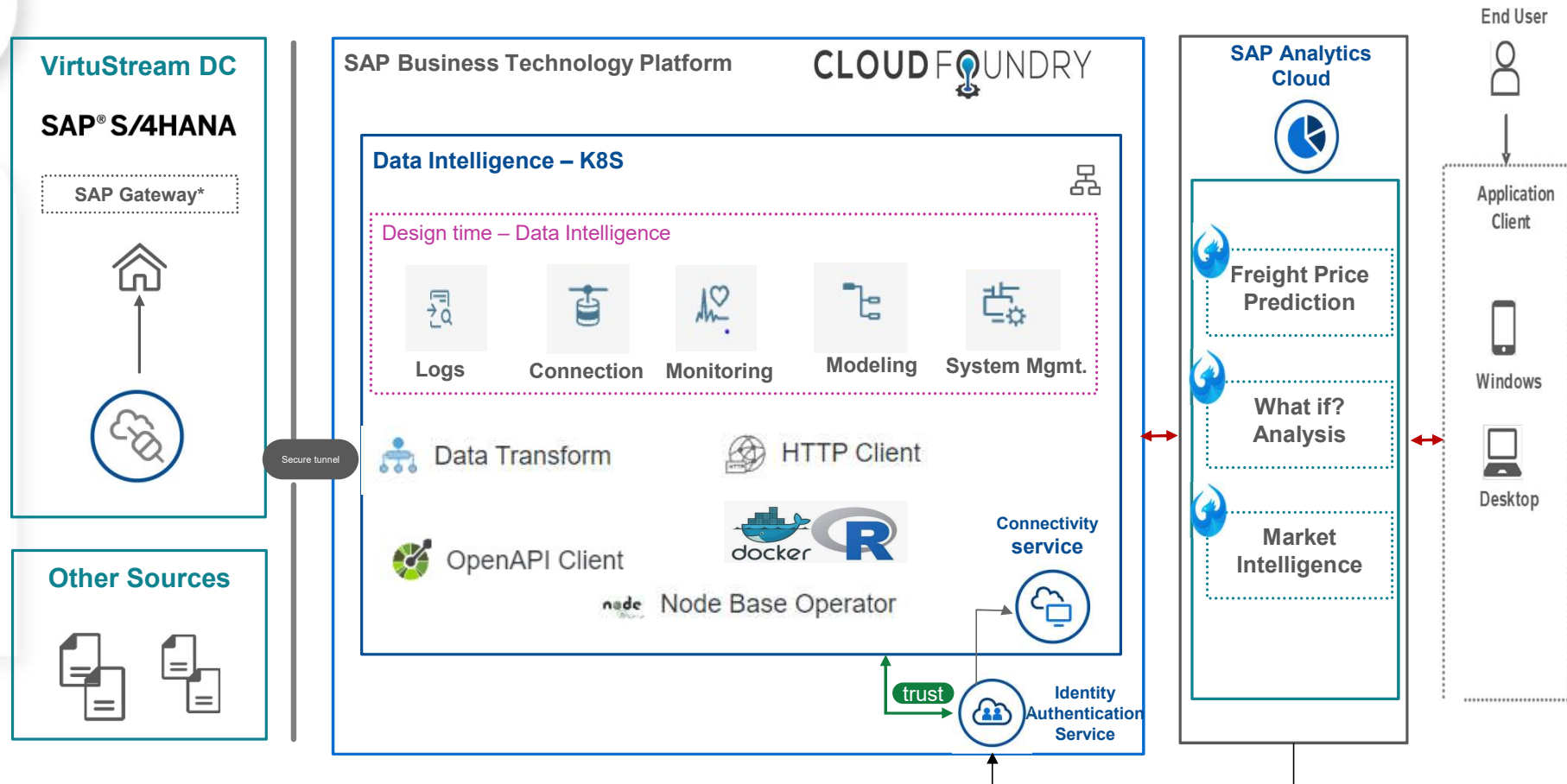
SAP BTP Cloud Capabilities



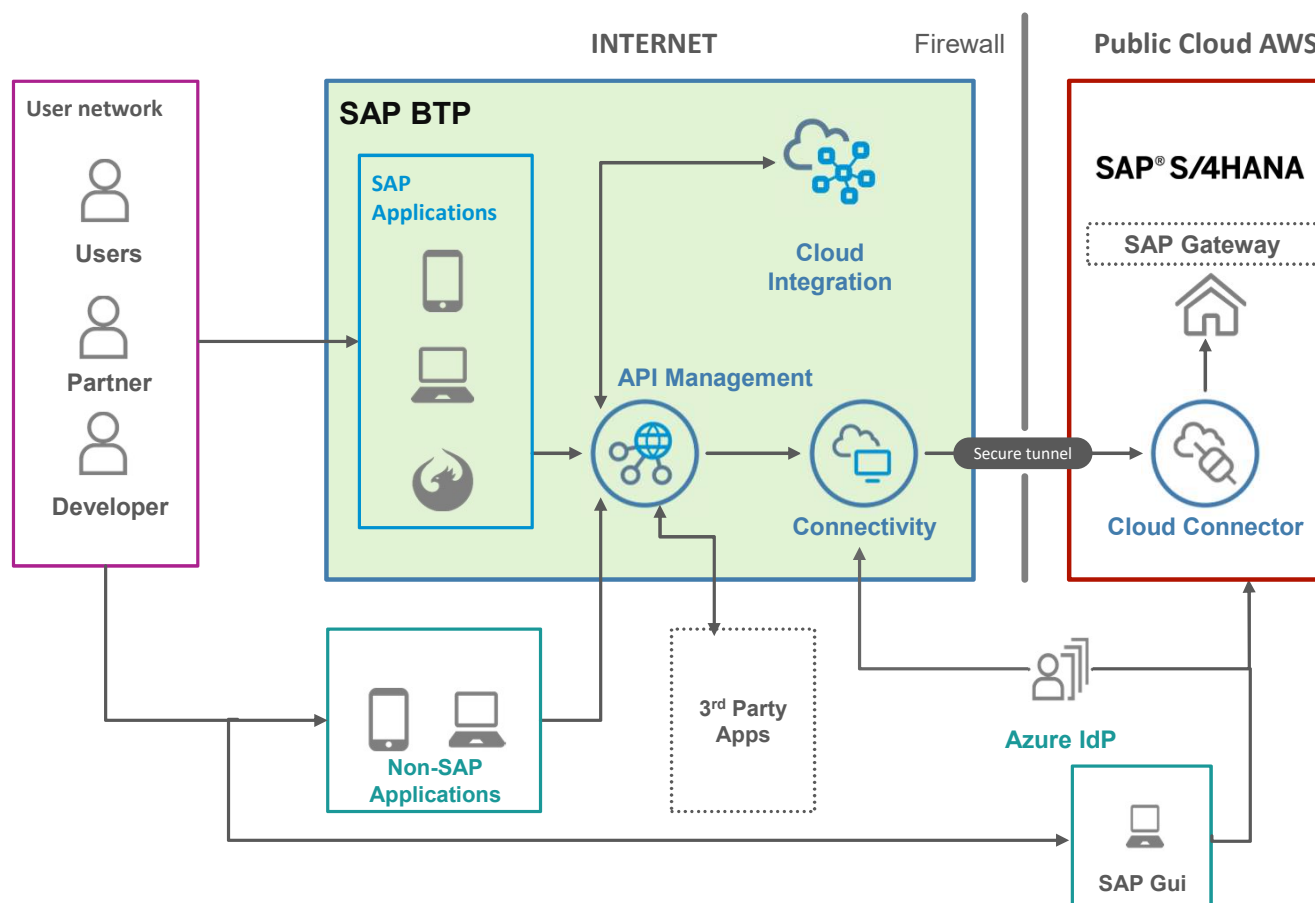
SAP BTP at FCC



Architecture



Florida Crystals' – Reference Integration Architecture



Q&A



SAP Innovation Awards 2022 – Finalist



ASR Group has been selected as finalist for the SAP Innovation Awards 2022

“Increasing Supply Chain Efficiency Through Prediction of Freight Rates with SAP BTP”

Challenge

The ASR Group Global Logistics team spends a significant amount of time manually analyzing data to develop U.S. freight quotes for trucking routes, lane by lane, used in future sales contracts with 12–18-month lead times. Global Logistics is provides updated quotes in a short timeline.

Solution

The ASR Group Global Supply Chain COE Analytics team built a Proof on Concept (POC) that included a **predictive algorithm** to forecast trucking costs 30+ days out, using 12 months of internal company data and a **descriptive algorithm** using seven sources of external data. SAP Data Intelligence Cloud was used to integrate, orchestrate, and manage the disparate data and predictive algorithm. SAP Analytics Cloud analytic applications feature was used for visualization and what if analysis by business users.

Outcome

Using analysis from SAP Data Intelligence, ASR Group Global Logistics can more confidently provide rates to provide **95% accurate quotes** for North American sales contracts in a timelier fashion.

95%

Algorithm prediction accuracy, which outperforms commercially available data for trucking costs 30+ days out

12

Months of company transportation data and seven external data sources were used to build predictive and descriptive algorithms

2200

Forecasts generated in seconds. Each forecast set includes six months of data for 628 trucking lanes (Origin-Destination Pair) sampled from six states