Simplify the Complexity with SAP BTP:

BTP helps your business processes become nimble, resilient, data-driven, and optimized.

Bob Sakalas Innovation Strategist & Evangelist

SAP Center of Excellence

October 23, 2023

Jack Mason Head of BTP COE, South Market



SAP CUSTOMER

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Do you agree?

Accurately perceiving the big picture situation and **predicting the future well**

leads to better decisions, focusing on right projects, taking the right actions.



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Business cycles & processes will be much faster than they are today.

Enterprise applications will be more diverse in 2030.

75% Large corporations will be 109% in the cloud by 2030.

Customers will expect everything in real-time.

Decision makers will expect data-driven insights in real-time.

Artificial intelligence will fix it all, making systems integrated & real-time.

Repetitive work will be more automated by 2030.

Market share changes will be faster in 2030.

COVID-19 will be the last black swan disruption we must overcome.

Many companies will be **100% reliant** on I.T. applications to operate.

I.T. challenges will be more complicated than today.

The most likely enterprise systems reality in 2030 (.90 probability)

moving faster

real-time customers

multiple clouds / hybrid

real-time insights

more diverse landscapes

A network of modular, cloud applications & a fabric of data that is integrated, near-real-time, and highly adaptable.

acute competition

I.T. mission more complicated

greater automation

business & tech inseparable

It's not the oldest, most established companies that survive and thrive, it is the ones most adaptable to change.

BTP was created to here SAP customers become nimble, adapt quickly, and embrace change.



CHECK ENGINE

Applications

App Requests outpacing I.T. pace of delivery

Expectation of intuitive consumer-grade graphical quality



The C-Suite officers expect real-time visibility

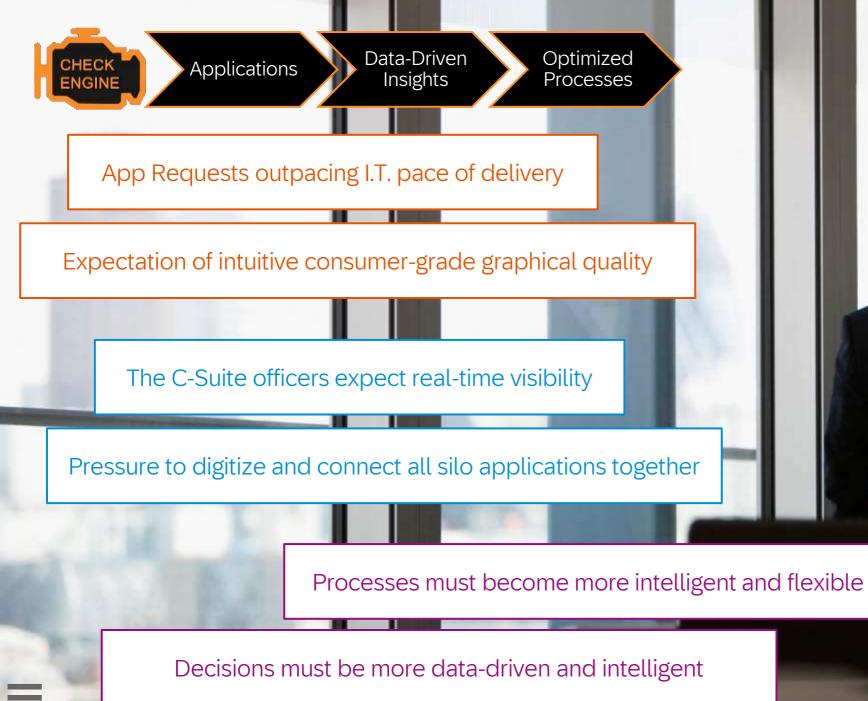
Pressure to digitize and connect all applications together



Optimized Processes

Processes must become more intelligent and flexible

Decisions must be more data-driven and intelligent



Are these your key Challenges, as well?

App Requests outpacing I.T. pace of delivery

Expectation of intuitive consumer-grade graphical quality

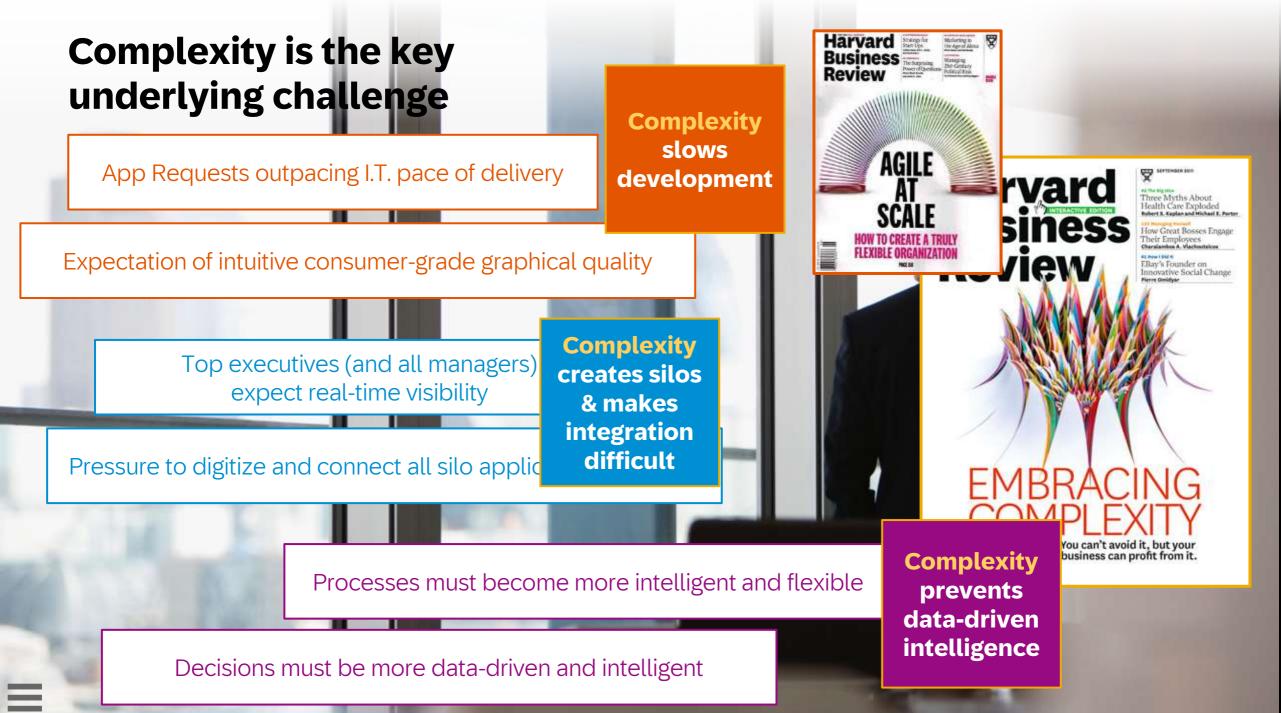
The C-Suite officers expect real-time visibility

Pressure to digitize and connect all silo applications together



Processes must become more intelligent and flexible

Decisions must be more data-driven and intelligent



Harmony Matters



"Sony had the device, the channel, and the content... and we lost to a competitor that _ started with none of these things."

> - Sir Howard Stringer Former CEO, Sony













Since the iPod launch, Sony's value is 3X larger while Apple has gone from \$10B to \$3,030B (300X larger) today

(all figures in 2023 US dollars, June 2023) (S&P500 over same timeframe is ~3.3X larger)

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2017

2020

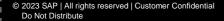
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Are 99% of I.T. vendors helping you simplify?



Exploding Complexity – Machine Learning, Artificial Intelligence & Data (only)

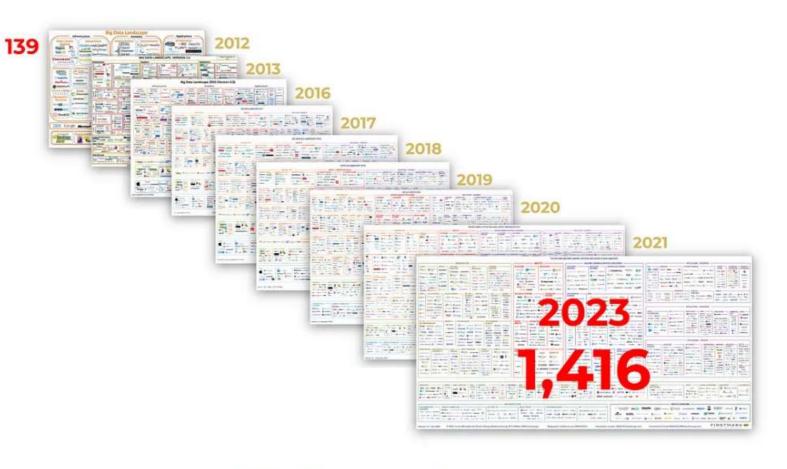
Applications

Analytics

Data & Intelligent Technologies

Infrastructure





The evolution of the MAD landscape from 2012 to 2023

What is BTP, in a Nutshell?



Most organizations' overall I.T. landscape is rigid and complex.

SAP can help as we successfully overcame this problem,

which led us to create our unique <u>Business Technology Platform</u> to simplify systems,

so that our customers can maximize the value of I.T. investments, become more resilient, and innovate & adapt to change with great pace.



Market share, worldwide according to Gartner® Report



Market share in enterprise resource planning



Market share in supply chain management



Market share in procurement



Market share in human capital management



Market share in customer relationship management



Market share in analytics

Source: Gartner, Market Share based on Gartner, Market Share: All Software Markets, Worldwide, 2020 (April 2021). Market share based on revenue in USD, all software segments and regions. Gartner does not endorse any vendor, product or service depicted in its research publications, and does not advise technology users to select only those vendors with the highest ratings or other designation. Gartner research publications consist of the opinions of Gartner's research organization and should not be construed as statements of fact. Gartner disclaims all warranties, expressed or implied, with respect to this research, including any warranties of merchantability or fitness for a particular purpose. GARTNER is a registered trademark and service mark of Gartner, Inc. and/or its affiliates in the U.S. and internationally and is used herein with permission. All rights reserved.

What is BTP, in a Nutshell?



Most organizations' overall I.T. landscape is rigid and complex.

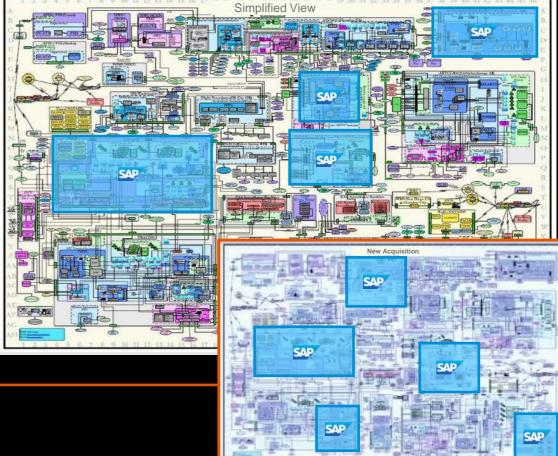
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Hard to innovate. 80% of the budget. Lots of data movement & incompatibilities.



Mission

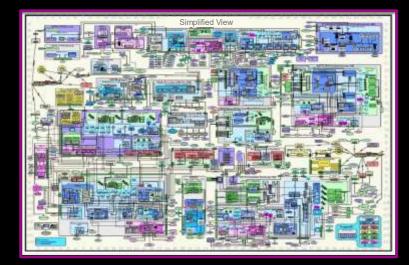
SAP believes that the whole must be greater than the sum of the parts to maximize the value.





Monolithic apps are the past. The future is highly modular, real-time, and cloud first.





Modularity's crucial role in leveraging cloud based ERP while preserving adaptability



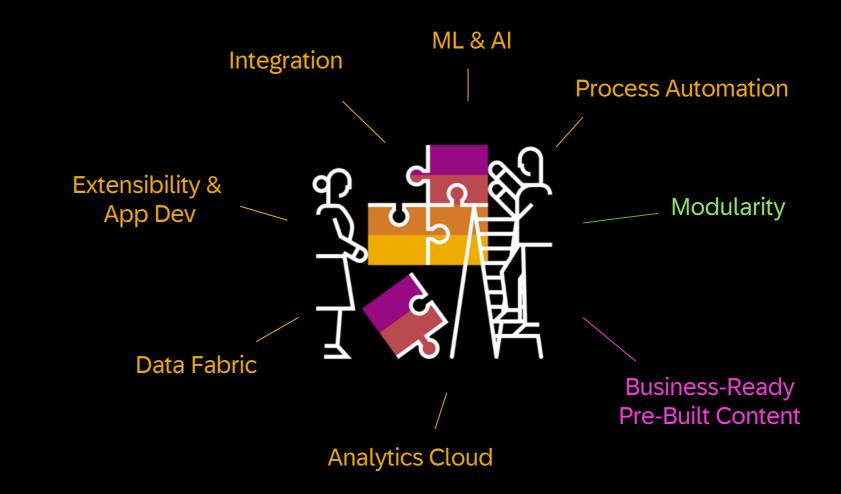


Modularity's crucial role in leveraging cloud based ERP while preserving adaptability



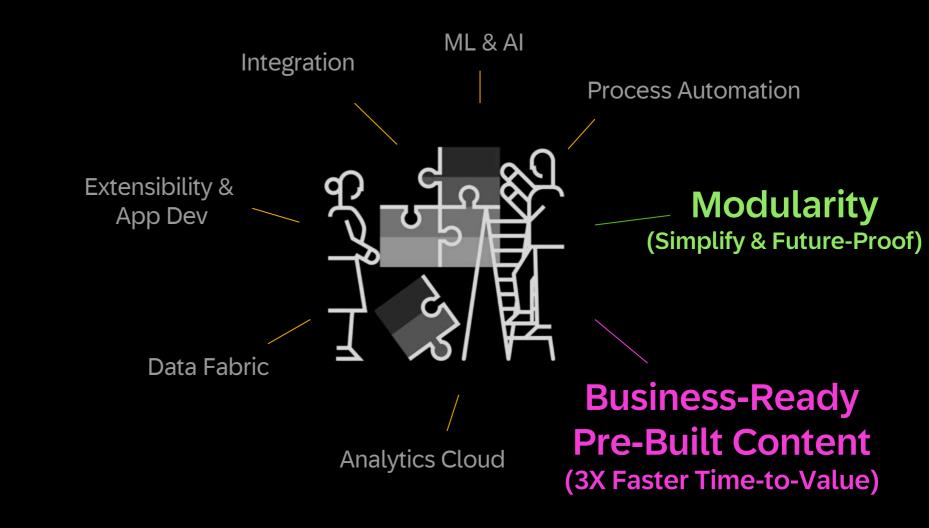
Need a new, highly-modular, playbook for enterprise systems architecture.

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BTP

Precision-engineered platform for simplified modular approach that optimizes business processes.

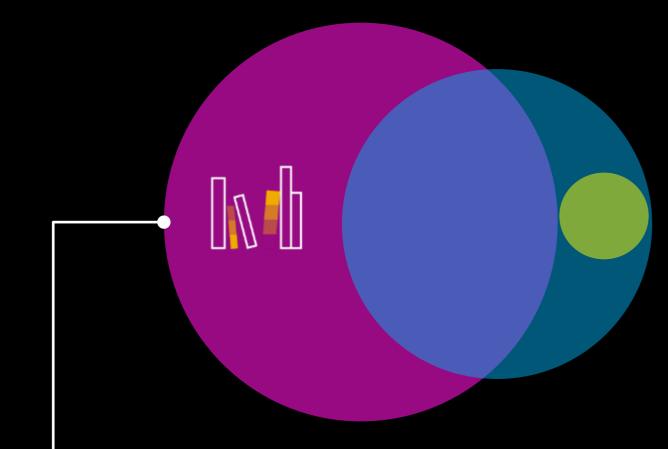


BTP

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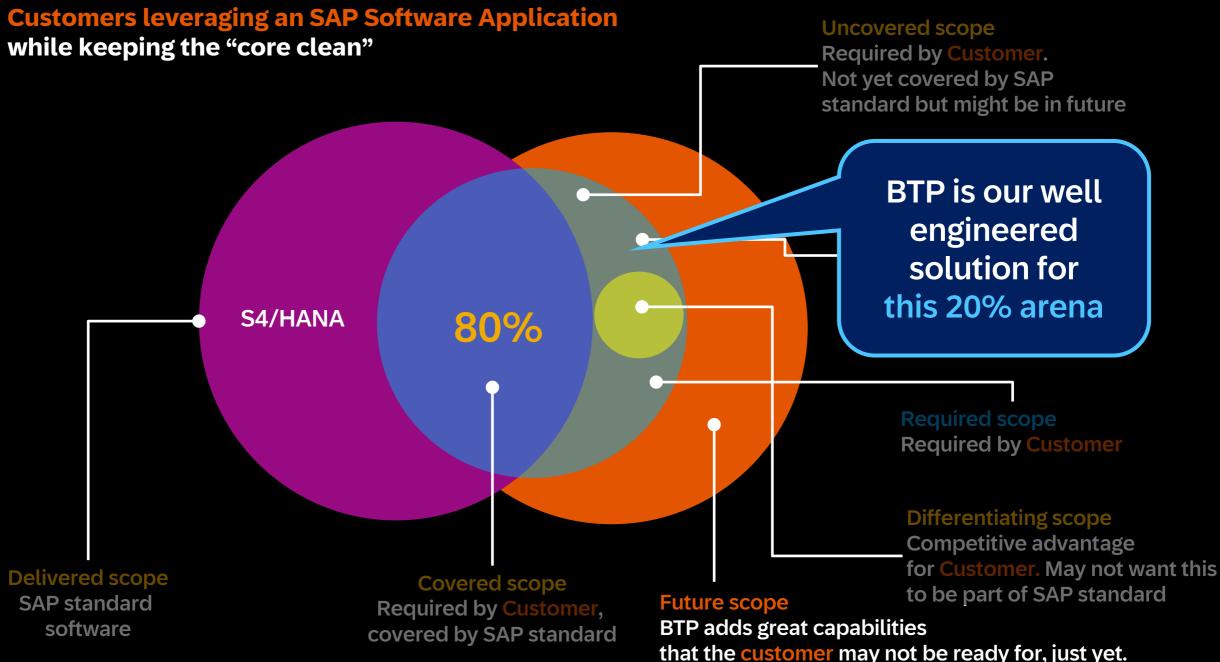
Customers leveraging an SAP Software Application while keeping the "core clean"



Why Software as a Service?

- 1. The devil is in the details (20% takes 80% of time)
- 2. Less expensive / on budget
- 3. Well tested logic (across 1,000's of customers)
- 4. Well tested scalability (some large companies)
- 5. Lower 'keep the lights on' support costs
- 6. Pace & steadiness of evolution
- 7. Availability of 'great' dev resources
- 8. Implementation resource availability
- 9. Integration pre-built content
- 10. Well-engineered customization environment

Delivered scope SAP standard software



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BTP was created to help SAP customers become nimble, adapt quickly, and embrace change.

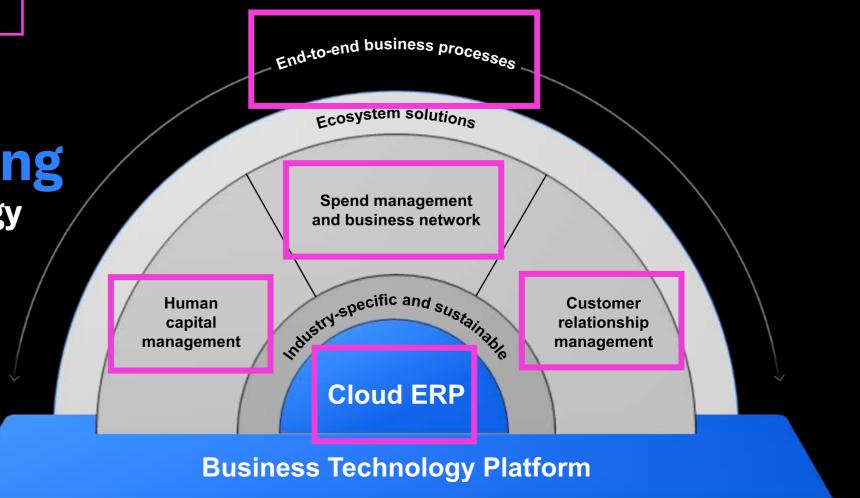
Keeping the core clean is crucial for taking advantage of "cloud economics" and evolving quickly, in harmony with SAP's progress.

Implement a modular strategy with BTP so the business can adapt and evolve quickly.

Stay lock-step w/ SAP:

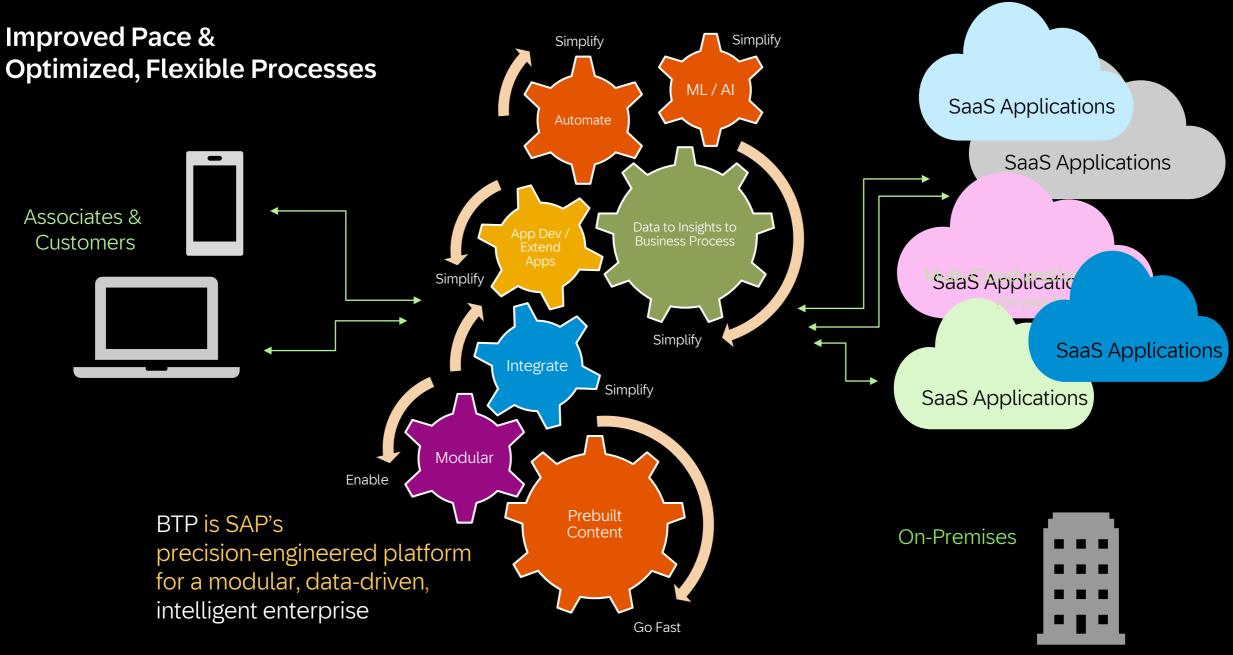
Building **everything** on Business Technology Platform

Designed to keep core clean and enable cloud ERP.



Your choice of preferred infrastructure clouds





BTP Enterprise Benefits

- Optimize business processes across silos,
- Enable self-service on a single version of the truth, combine planning / predictive / analytics, and gain valuable insights across silos,
- Integrate systems together to maximize the value of I.T. investments,
- Improve company efficiency with smart automation,
- Enable nimble adaptability by reducing complexity, leveraging SAP's best-of-class cloud ERP.

Bonus: Future-proof! Easily incorporate SAP advances.

Accelerating Evolution of BTP







What ⁹/₀ of C-Suite Officers believe their Fortune 500 company is data-driven?

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A quick analogy: The Modern SUV

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Additional data & insights improve the driving experience (Maps, real-time traffic, weather, points-of-interest, re-fueling locations with prices, alerts,

MESO

60

....

entertainment)

14:00 e Look of Love

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MODE Carl

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Only 'great' if the integration is flawless with the driving process

2 3 4 5 6 7 0

(Natural, intuitive, timely, easy-to-use as part of the operation of the vehicle)

ST I

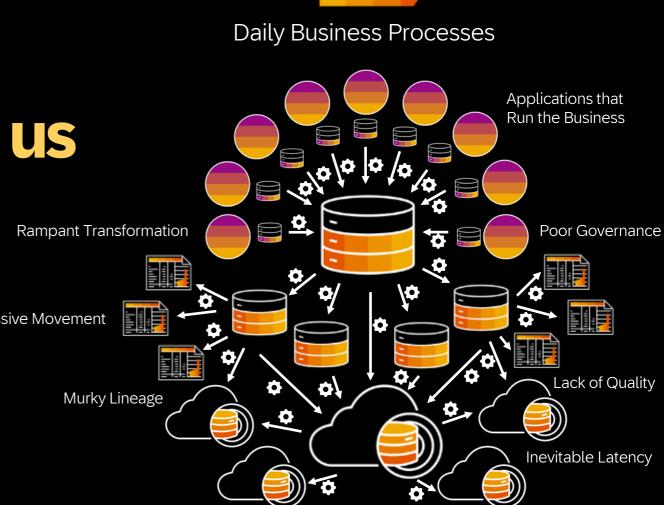
The wrong approach **(but what happens in companies today)** (Disjointed, multiple 'insight' apps, different UX's and structures, not connected to the driving process, incompatible with our SUV)



The key is perfect timely integration of outside data sources with the daily driving experience (Datasphere is that fabric and integration intermediary for an enterprise)

The same thinking and tactics that got us here won't solve the problem.

SAP decided to take a fresh approach.



Data analysis in a land far, far away



Gain valuable insights across silos:

Data silos **must** be combined to achieve an intelligent enterprise





How many widgets did we sell at water price to whom?

If we offered expedited terms to BigCorp, what would be the change to our profits?

> How long was the widget in transit at what cost? Supply Chain

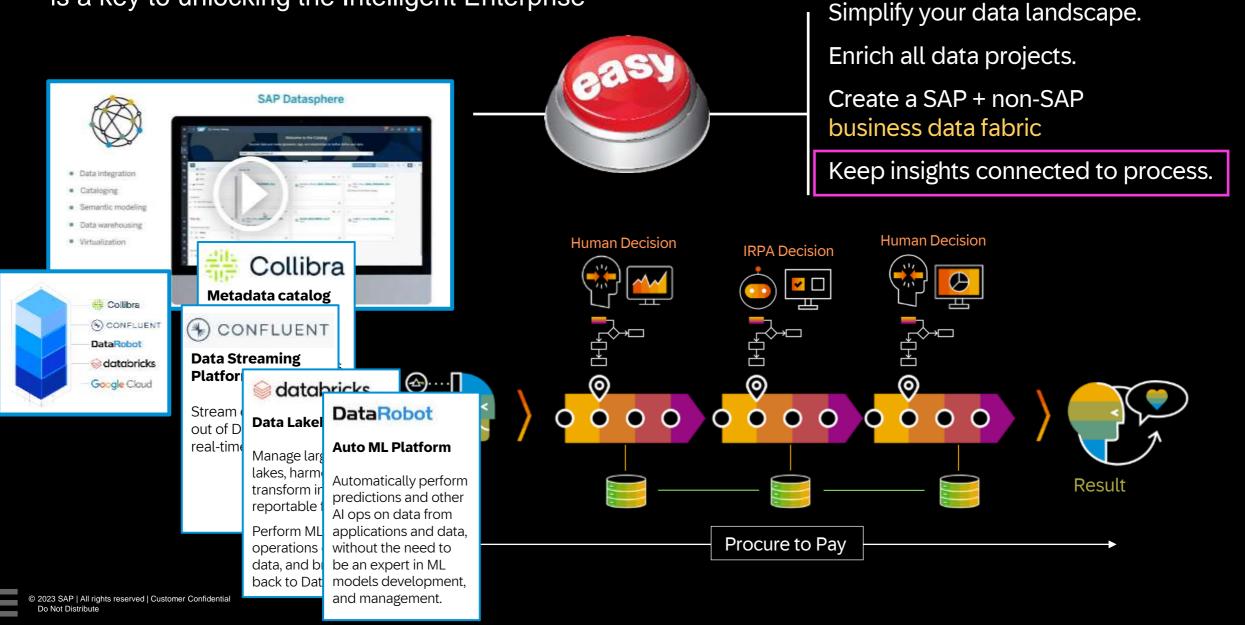


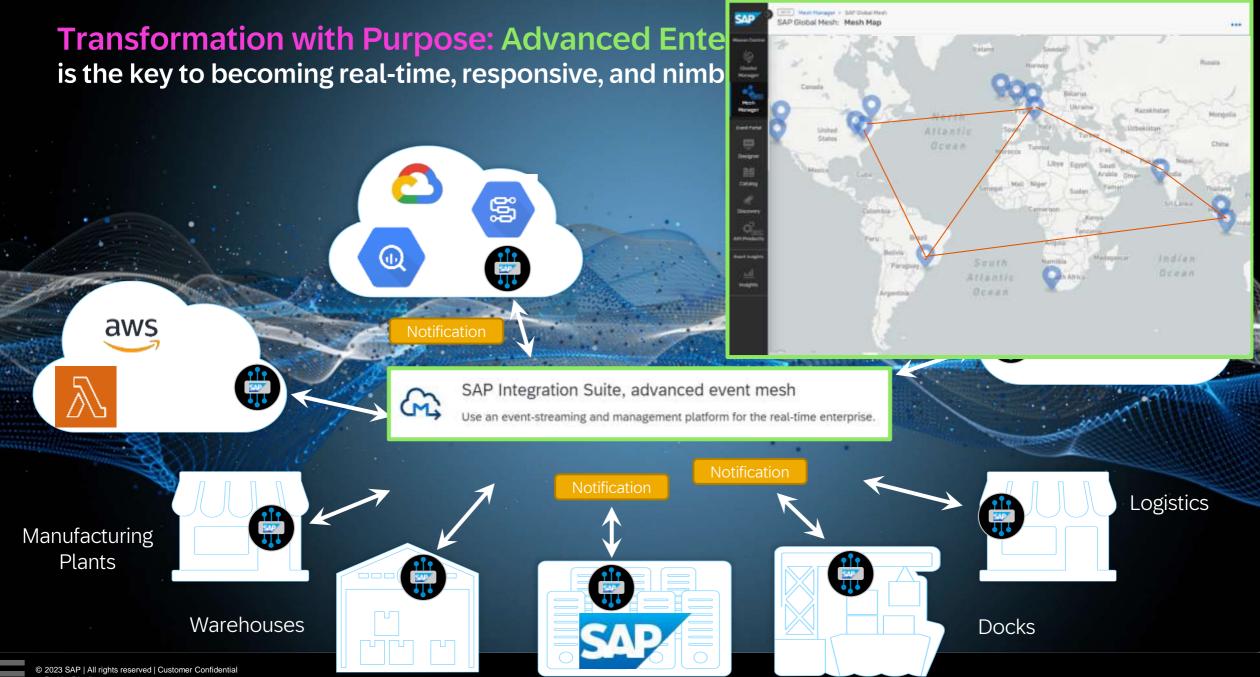
Which widgets & customers contributed the best and worst margin in NE?

> How many widgets did we build at what cost? Manufacturing

If we build our next distribution center in Phoenix, how will that effect profitability?

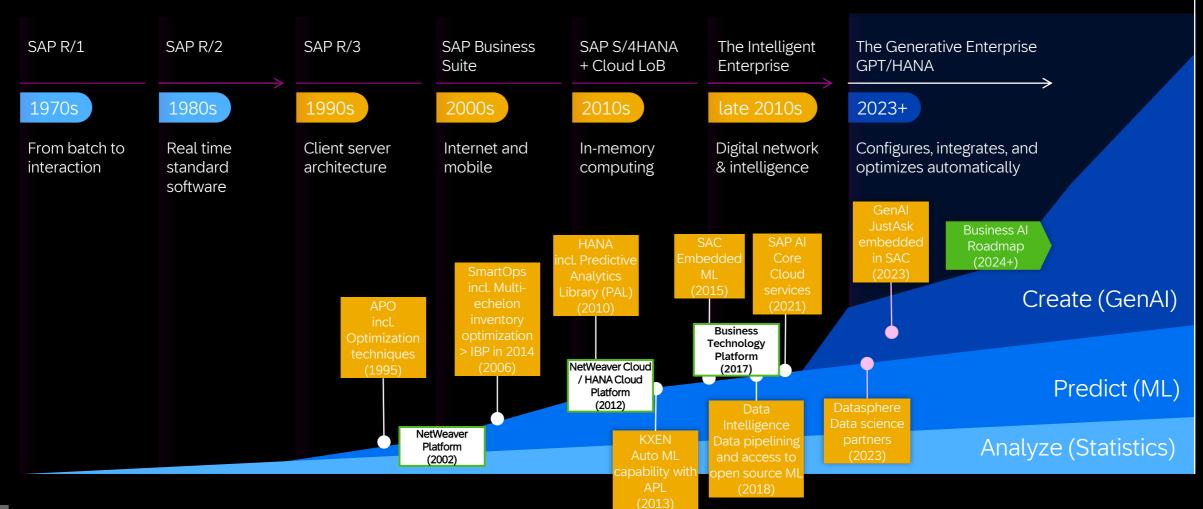
Transformation with Purpose: Data-Driven Insight, within Process Excellence, is a key to unlocking the Intelligent Enterprise





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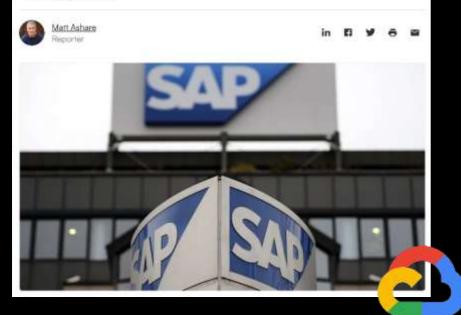


Business Value

SAP brings generative AI to data cloud platform with Google's help

The solution infuses the ERP provider's data ecosystem with Vertex AI tools and initially targets the automotive industry.

Published Aug. 29, 2023



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Press Room

SAP Advances Vision of Business Al with Investments in Aleph Alpha, Anthropic and Cohere to Complement \$1+ Billion Al Commitment from Sapphire Ventures

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Press Release by SAP News July 18, 2023

ANTHROP\C

- cohere





ALEPH Alpha

SAP Analytics Cloud Just Ask

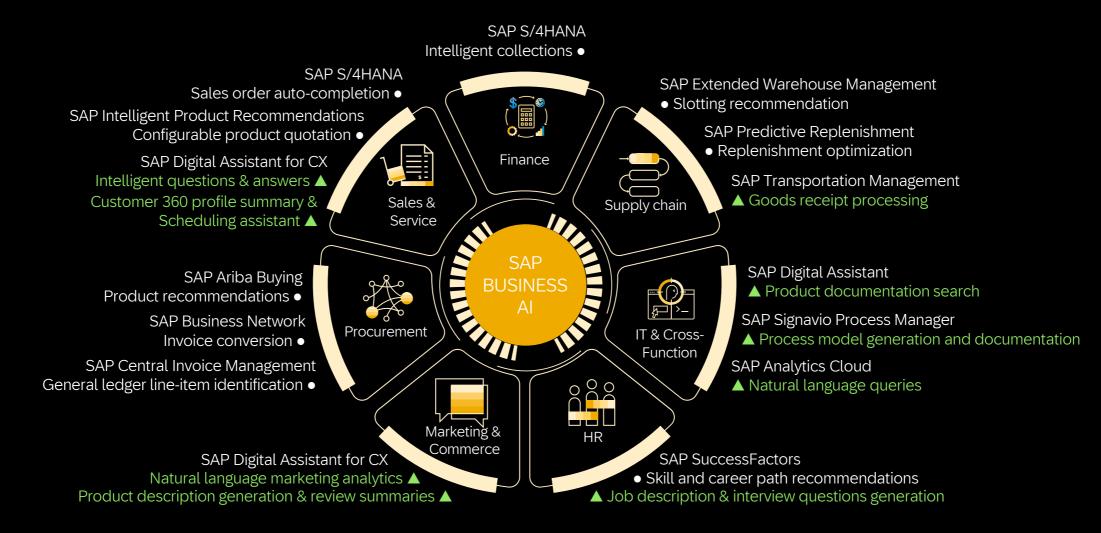


Transformation with Purpose: Leveraging Artificial Intelligence Current AI-powered scenarios across all business functions

Finance	Supply Chain	Customer Experience	Procurement	Human Resources	IT and Cross-Function
 Tax Compliance Cash Application Intelligent accrual Travel expense auditing Travel expense verification Invoice processing Business Integrity screening Goods and invoice receipt matching Intercompany matching & reconciliation Mobile expense entry 	 Stock in transit Visual Inspection Demand forecasting & sensing Project-cost prediction Predicted delivery processing Demand-driven replenishment Forward scheduling Field service scheduling Asset prediction & optimization Slow-moving materials prediction 	 Predicted delivery processing Discount recommendations Intelligent sales execution Relationship intelligence Sales route optimization Sales order automation Opportunity scoring Customer insights Guided selling Lead scoring Product recommendations 	 Guided buying Sourcing item and supply prediction Material group recommendations Invoice object recommendations Job matching for contingent workforce Resume ranking for contingent workforce O'Net labelling 	 Skill and career path recommendations Learning recommendations Job analyzer 	 Digital assistant Process automation Business rule mining Intrusion detection

...Find out more on SAP Business AI

Transformation with Purpose: Leveraging Artificial Intelligence SAP in the near term – (mostly embedded AI)



▲ Generative AI scenario | Status: Announced at SAP Sapphire 2023

Generative AI pillars across our Product Portfolio

We will infuse and enable generative AI across our portfolio



Joule

Intelligent insights and fast business outcomes offered with seamless user experience across the entire portfolio.

Product Portfolio



Business Processes

Optimization with the power of AI based on unique business data and business process context.

Solution Areas

Reimagined business capabilities in every solution powered by AI to enable new business models. SAP BTP

Al infused in all components, from code development to analytics.



AI Foundation on SAP BTP

SAP BTP as the enabler for the development of

generative AI-powered business applications across our ecosystem.

Customers and partners will benefit from SAP's own foundational model based on. Our unique business data and an orchestration layer as well as our multi-vendor strategy that bring a wide range of capabilities to the market while ensuring the highest levels of security, privacy, compliance and ethics.

Our goal for Generative AI: Greater Effectiveness, Great Efficiency, Greater Flexibility



Relevant

The most relevant AI delivered in the context of your business processes.

Reliable

Uniquely reliable AI trained on the industry's broadest business data sets.

Responsible

AI built on leading ethics and data privacy standards.

Real business results

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SAP TechEd

Where ideas get real

The SAP TechEd event brings together developers, practitioners, enterprise architects, and global IT leaders. Joined by SAP experts and partners, they'll unite to explore innovations in app development tools, generative AI, clean core for cloud ERP, and much more. The event features an extensive in-person program in Bangalore, India, plus an engaging and interactive virtual experience.

SAP TechEd Virtual

November 2-3, 2023

This global digital experience is complete with live and ondemand educational sessions, engaging Q&As, and meet-theexpert opportunities. SAP and its partner communities will also host in-person "watch-and-code parties" in select global cities and time zones.

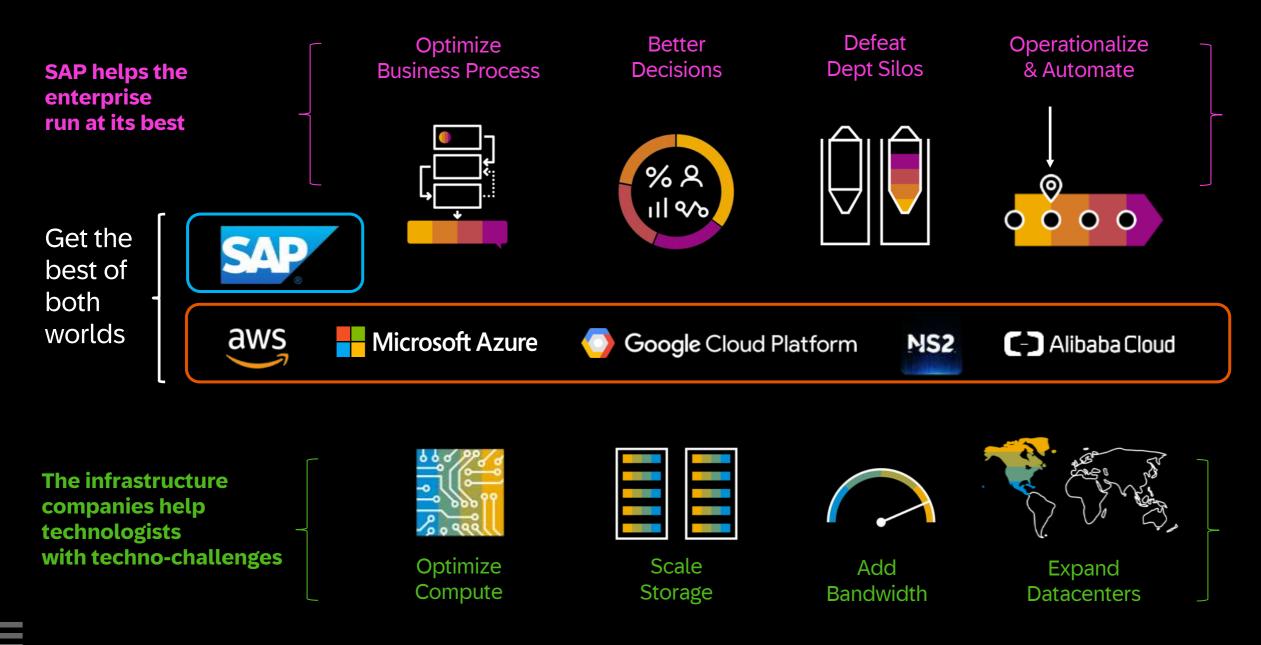
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Bangalore, India is one of the tech industry's leading global hubs. Join us in person to connect directly with SAP experts, industry influencers, and our vast developer and IT practitioner community. Enjoy an immersive, fun, and educational experience to gain the knowledge you need, now.

Put SAP BTP on your favorite infrastructure cloud



Put SAP BTP on your favorite infrastructure cloud







What's the key difference between SAP's business platform and a technology infrastructure platform?

300 – 500% More Productive*



Microsoft Azure

Google Cloud Platform



C-) Alibaba Cloud

Difference? 300 – 500% More Productive

LEGU

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TEGO

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LEGO® products Illustration and photos shown by permission.

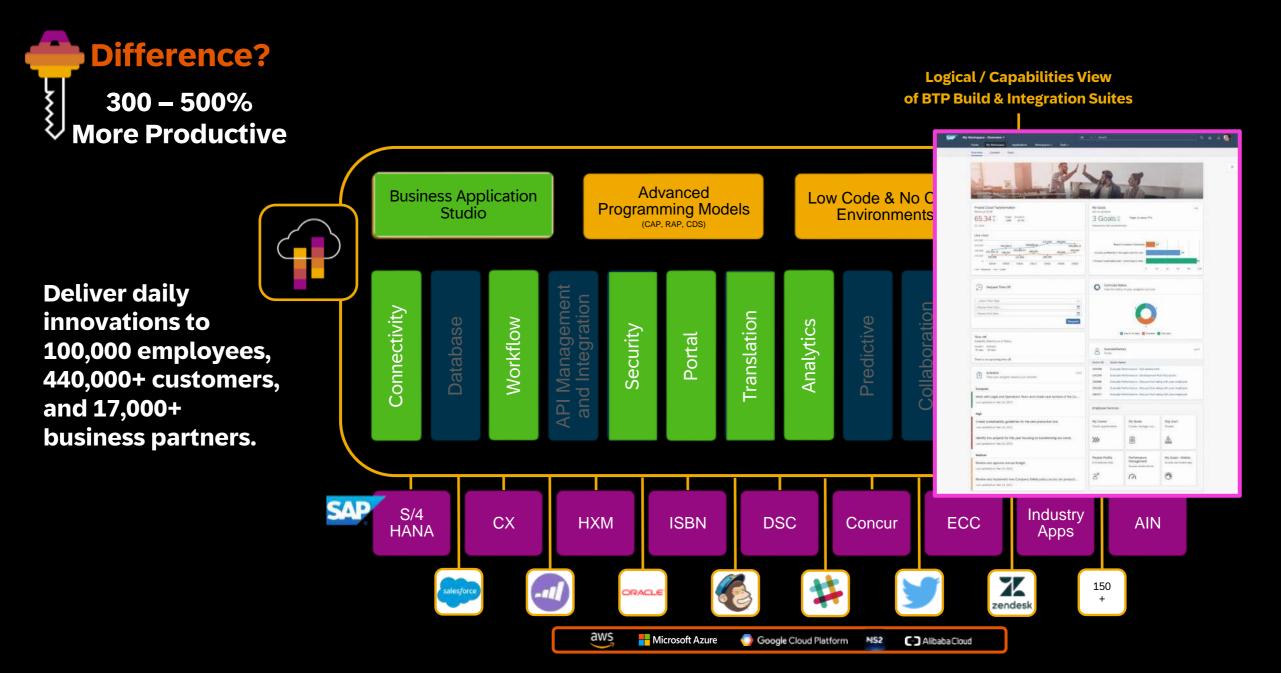
Google Cloud Platform

Microsoft Azure

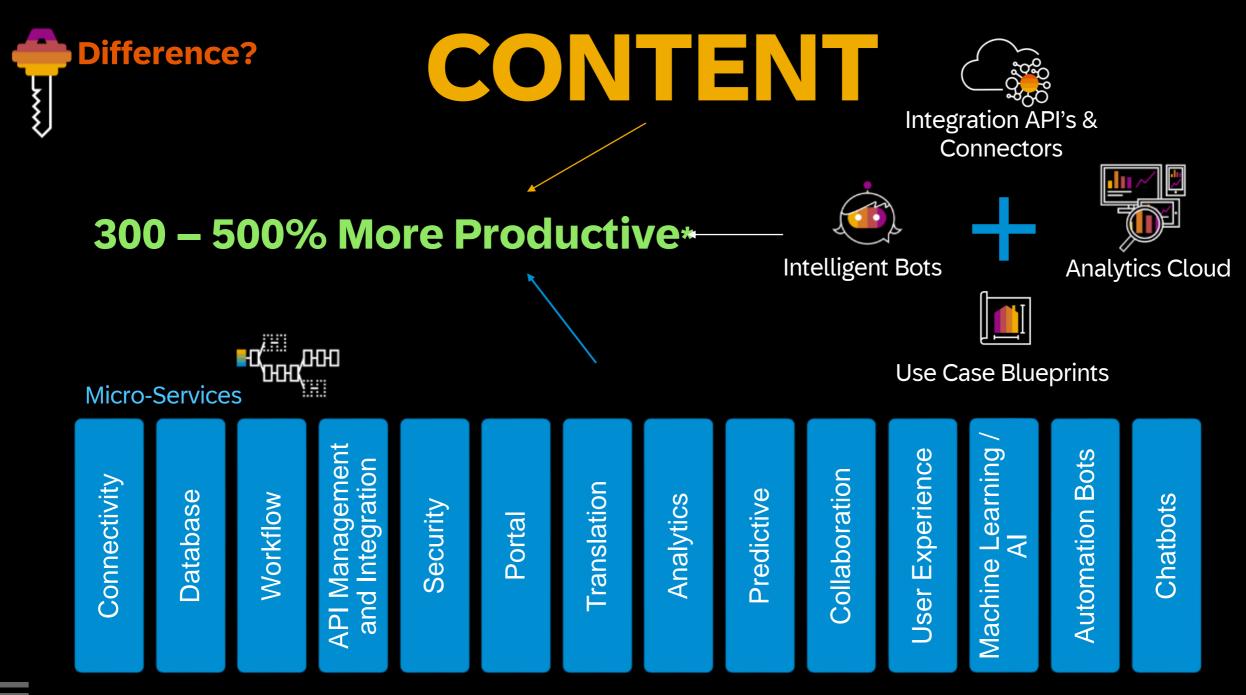
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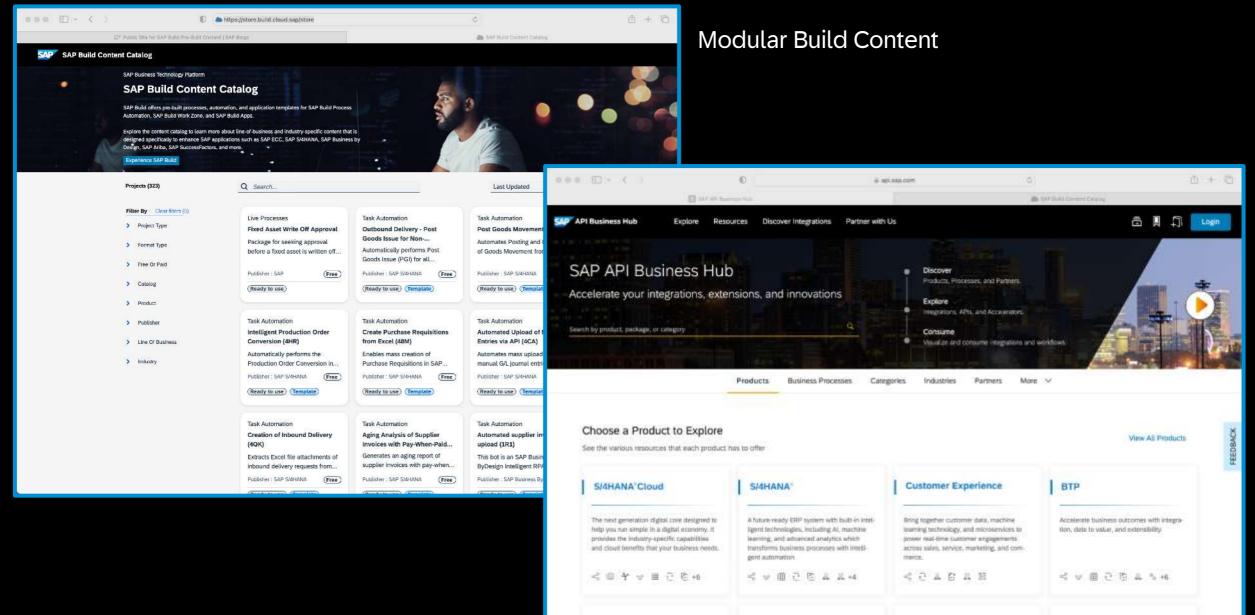
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SuccessFactors 🥥

A global, cloud-based human resource man-

agement software system, avaiving to help

Ariba A

A cloud-based mnowaive solution that al-

lows supplians and buyers to connect and do

Concur

Provides an integrated online and mobile

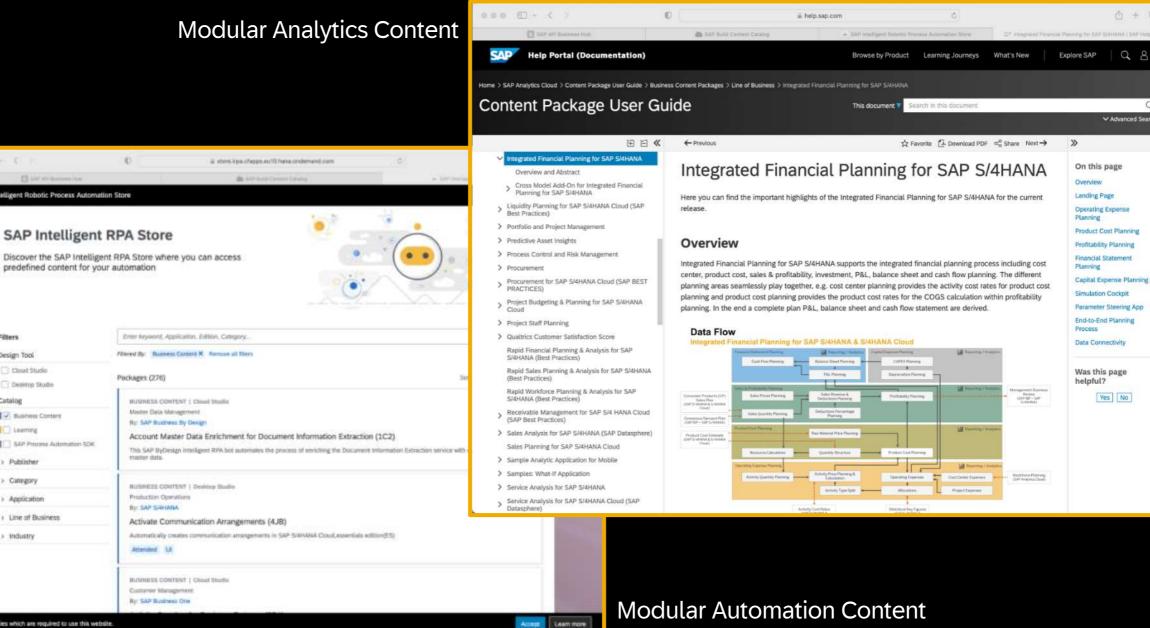
business travel and excernal management

Modular Integration Content

© 2023 SAP | All rights reserved | Customer Confidential Do Not Distribute A cloud-based, open Vendor Management System that helps organizations find, en-

Fieldglass (

Modular Analytics Content



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Q

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V Advanced Search

Yes No

220 EIS C

Filters

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Industry

+ Line of Business

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SAP Intelligent Robotic Process Automation Store

SAP Intelligent RPA Store

Packages (276)

matter data.

Production Operations

BY SAP SAHANA

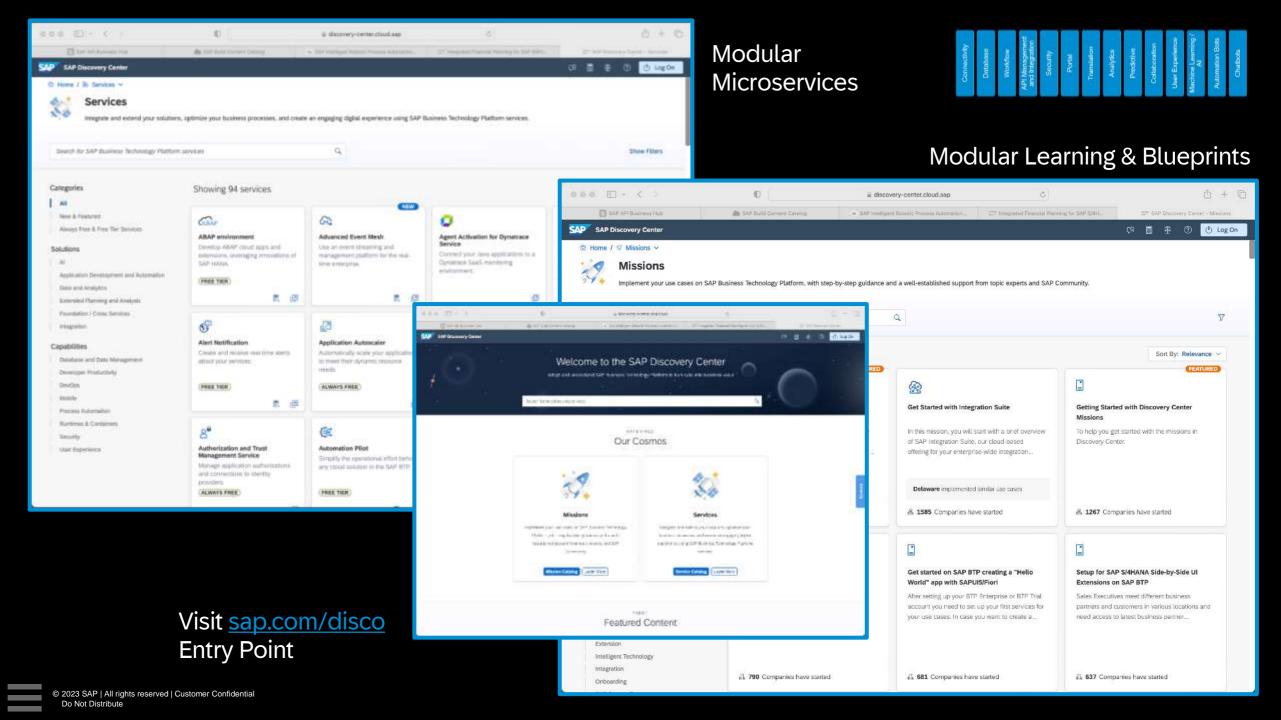
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Master Data Management

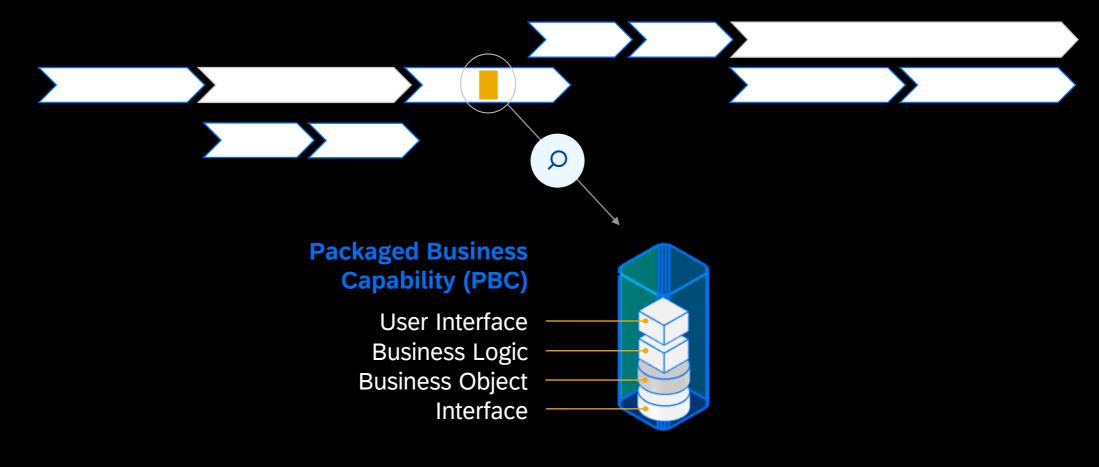
Br: SAP Business By Design

predefined content for your automation



Composability enabled by BTP modularity

Business Processes



BTP Components

Examples of using BTP well





Vestas

Abstracted core to innovate on the edge. Dramatic digital transformation in **8 months.**

Vestas builds and services more electricity generating windmills than anyone else worldwide.

- Years of under-investment in technology.
- Drowning in paper & green-screen PC apps w/o offline capabilities
- Design-thinking with field personnel in Cupertino
- Abstracted legacy core to innovate fast, leveraged BTP to connect SAP and non-SAP backend, leveraged extensive pre-build content
- Construction Transformed: Went from paper-based project management to iPad / iPhone OnePlan app
- Service Transformed: Collapsed 50 legacy apps into 6 consumergrade iPhone and Android apps for 10,000 employees (off-line capable).
- ROI < 6 months on hard benefits alone.</p>





Vestas

The partnership between Vestas, Apple, and SAP worked flawlessly.

We were able to leverage SAP Cloud Platform to create simple-to-use consumer grade applications that the field personnel love to use, without training and change management struggles.

The ROI was less than one year, with huge operational benefits."

Thomas Ove Rasmussen Designer and Solution Architect Invokers (SI for Vestas Project)



© :

SAP BTP specialist partners with excellent Oil & Gas Experience



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BTP Innovation Superstore

TRANSFER

Well Established		Originally Distinct	Endorsed & Trusted
			Wrap-Around Certifications
SAP	240+ Customers	Total Coverage APP INNOVATION STATION	SAP [®] Labs & GD Strategic & Joint Account Planning Partner Strategic & Joint Account
Partner	200+	End-To-End Advisory & Services	SAP [®] S/4 HANA Services
SAP S/4 HANA	Active Projects	Long-time SAP Build & Services Partner with full-featured practices in BTP's 5 core pillars.	Operations Services SAP [®] BTP Cloud Services
Global Partner	ab 350+	Global Delivery Structure	
Specialize in BTP 2 SAP Business Platform	Consultants	New Delivery Centers and Nearshore Centers augment local capabilities.	Valued O&G Customers
0.0	21 Years	Innovation Tools & Accelerators	ConocoPhillips 🛛 🛕
	YoY Growth	Delivered \$20 Million+ in savings for customers in 2022.	
	Houston Headquarters	Capability Expansion Via Product Innovation Aggressive enhancement packages for	

top-tier SAP products: SAC, BTP, and more.



BTP Readiness Assessments & Application Frameworks

1111









EnerBridge





EnerBridge



OhZone





MAR CONTROL OhZone

EnerBridge



RUN



SAP Business Technology Platform BTP







Full Mobile Capability











delivers Business Technology Results!

Incture has delivered more than **100 application** development, integration, and support projects using **SAP BTP Platform & Services**

- ✓ 17+ years delivering results
- ✓ 900+ passionate employees
- ✓ In North America, Europe & India
- ✓ SAP Pinnacle & Innovation Awards



- ✓ SAP BTP focused [©]cherrywork Built over 100 applications using BTP Platform & Services.
- ✓ Oil & Gas Expertise
 Driving Intelligent Innovations in the energy industry landscape
- ✓ **Specialized** in Digital Oilfield, Industry 4.0 & Source to Pay



Incture Digital Oil Field – Mobility as Enabler

My Apps

Mobile Launchpad

Offline, Native UX -

Performance, Voice to Text,

OCR, Scanning, Attachments

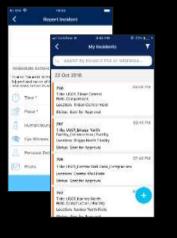
IOP Task Managemen



PERMIT TO WORK



INCIDENT MANAGEMENT



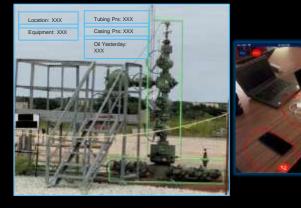
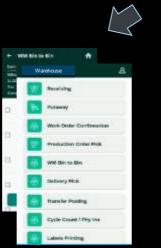
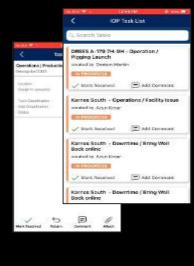


IMAGE PROCESSING, REMOTE ASSISTANCE



WAREHOUSE MANAGEMENT SOLUTION

TASK MANAGEMENT



WELL PROFITABILITY



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DIGITAL FIELD TICKET



Incture Digital Oil Field – Web Apps





The future will be real-time, dynamic, composable, data-driven



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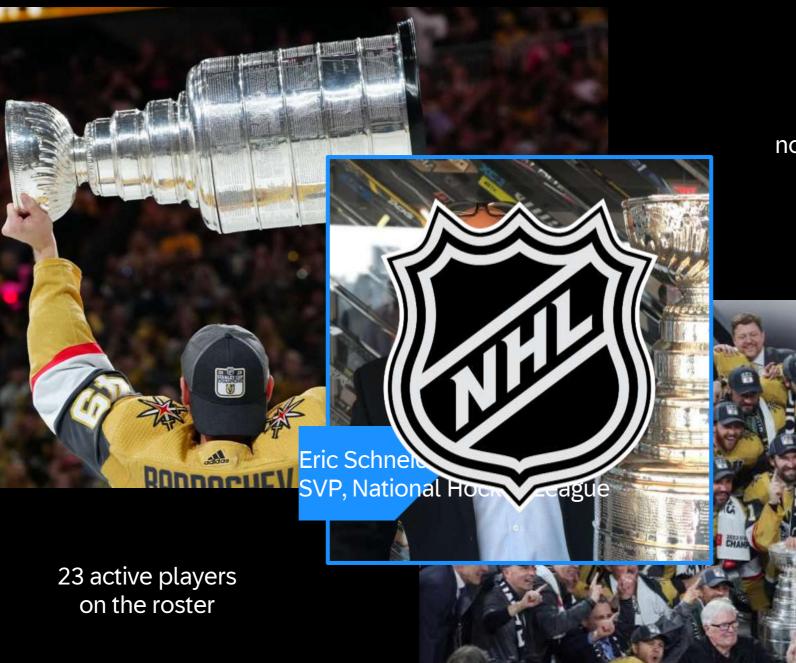


24 coaches

& assistants

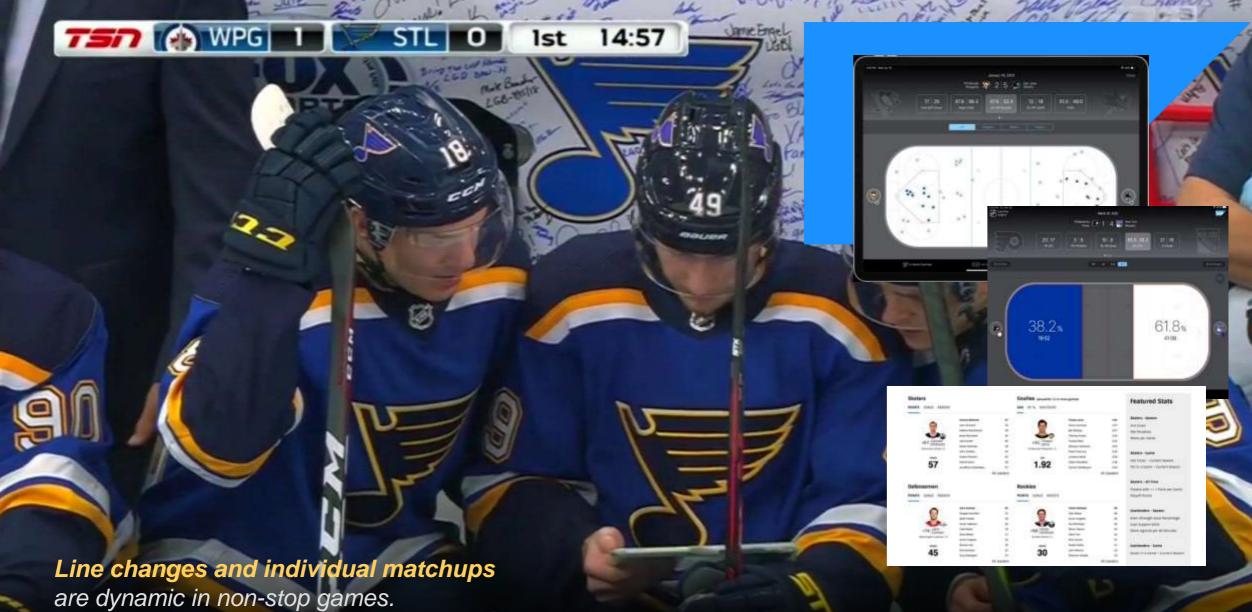
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Creating a great game plan at the start of the season is just the first step. Adjustments – week-to-week, possession-to-possession, play-to-play – determine which team makes it all the way and wins the Superbowl.



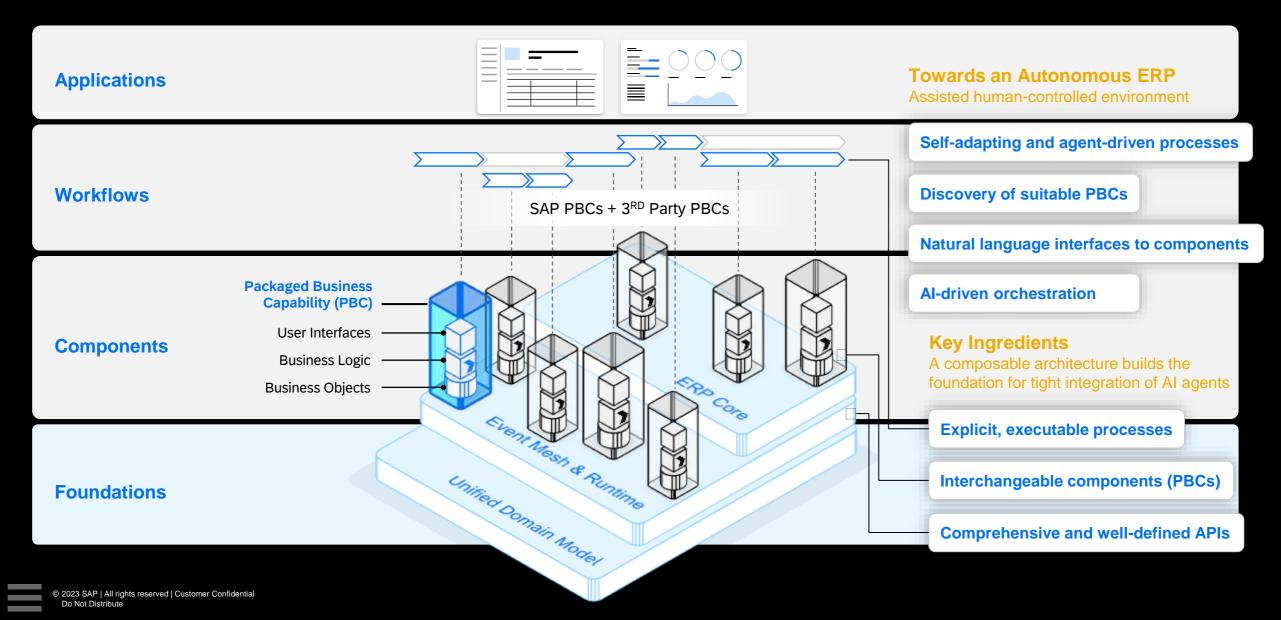
Non-stop game, non-stop substitutions

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The coach and team that adjusts best – in real-time – wins.

BTP enables and accelerates Composability

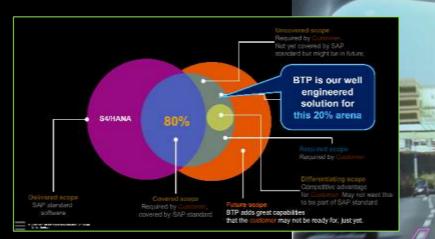




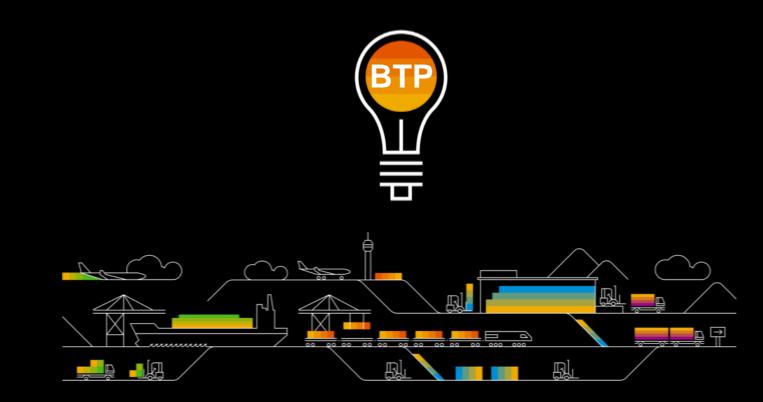
Why BTP?

Simplify your overall landscape with BTP to become more nimble, resilient, adaptable, automated, and data-driven.

- 1. Helps *accelerate progress while reducing risk* with a best-in-class modular, flexible model.
- 2. Optimize business processes and enable real-time, forward-facing, data-driven companies.
- 3. Companies become *more adaptable*, productive, automated, quick, and resilient.



Drivinc



Implement a modular strategy with BTP so the business can adapt and evolve quickly.

Questions? Go to sapbob.com to connect. Curated collection of links at sapbtp.com/links.