



SAP Customer Experience

SAP Commerce Cloud Developer

Some Necessities

- Participant List
- Course Material
- Accessing Remote Training VMs



Training Requirements

- Laptop or personal computer
- 64-bit Windows, Linux or Mac-OS X
- Minimum 8 GB of RAM available
- Administrator Rights
- JDK 11 ([SapMachine](#))
- An IDE
 - we provide a pre-configured Eclipse instance
- A proper extracting/unzipping tool for Windows
 - For instance, the free 7-Zip and PeaZip, or the commercial software WinZip and WinRAR



**Avoid spaces in your installation path
(having them breaks Solr)**



SAP Commerce Overview

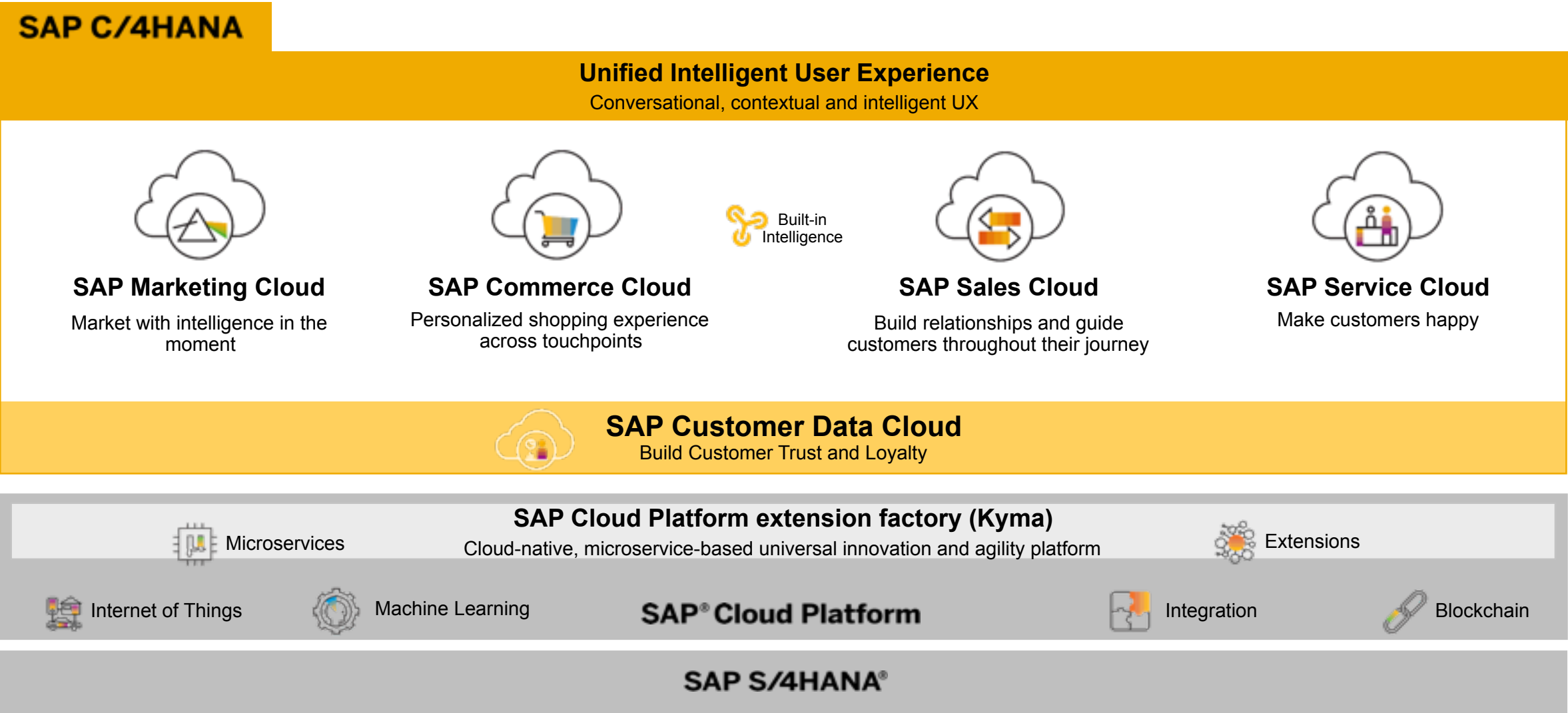


Commerce Platform and Accelerator

Commerce Platform and Accelerator
Architecture

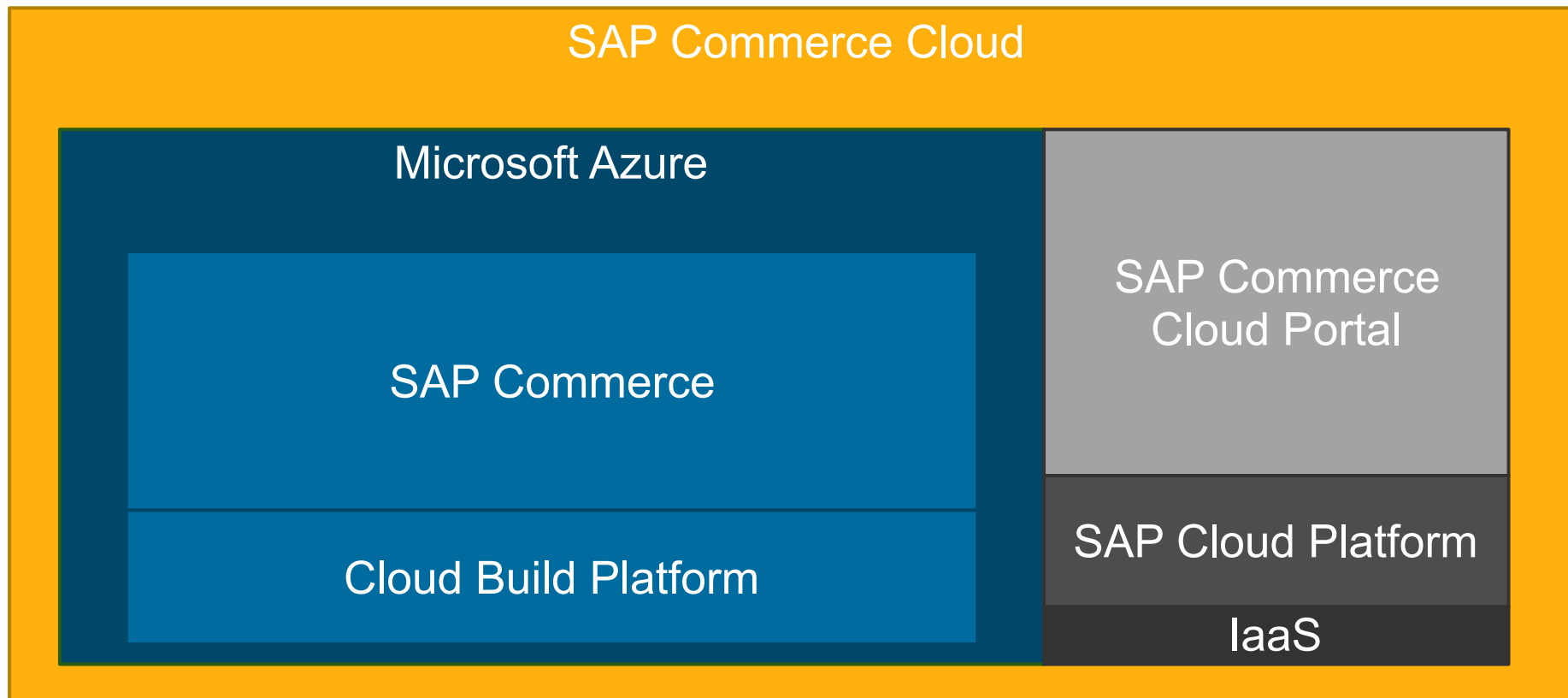


Introducing SAP C/4HANA, designed for the new customer experience



SAP Commerce Cloud or SAP Commerce?

It's Both!



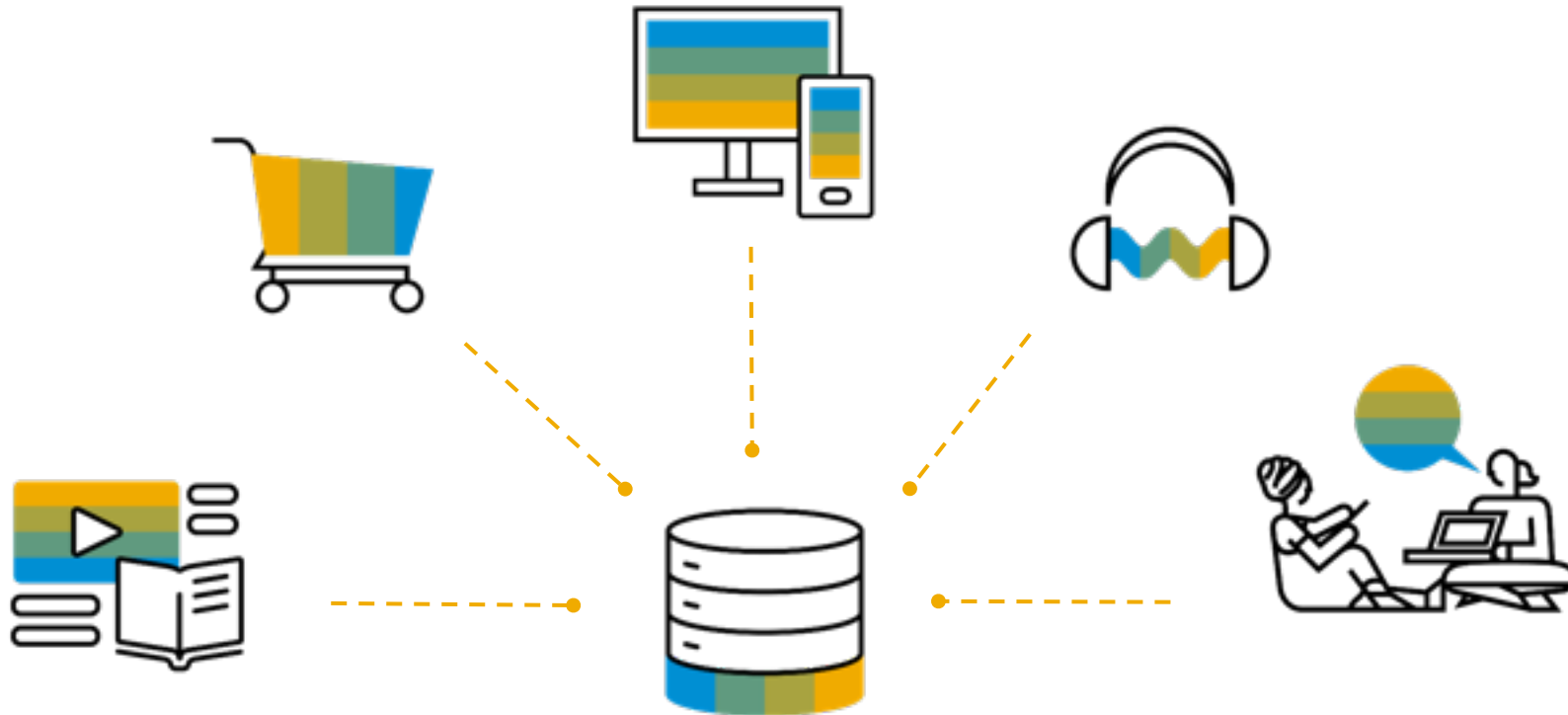
The SAP Commerce Cloud Platform

- Composed of a standard set of extensions providing base functionality
 - You will build your site atop standard extensions, maintaining a clear code and configuration separation
- An extension:
 - Is the packaging mechanism for a SAP Commerce feature
 - Contains business logic, type definitions, a web application, etc.
- Database and application server abstraction layer
 - ORM framework
 - Build framework
 - Backoffice framework
 - Data modeling, validation and imports
 - Web services
 - Configuration files
- SAP Commerce Cloud Server



Building a Commerce Site on SAP Commerce Cloud

- SAP Commerce is an omni-channel platform
 - It interacts with customers over the web, mobile devices, email, kiosks, or through support reps
 - It is connected to product and website content catalogs, inventory and fulfillment systems, ERPs, etc.



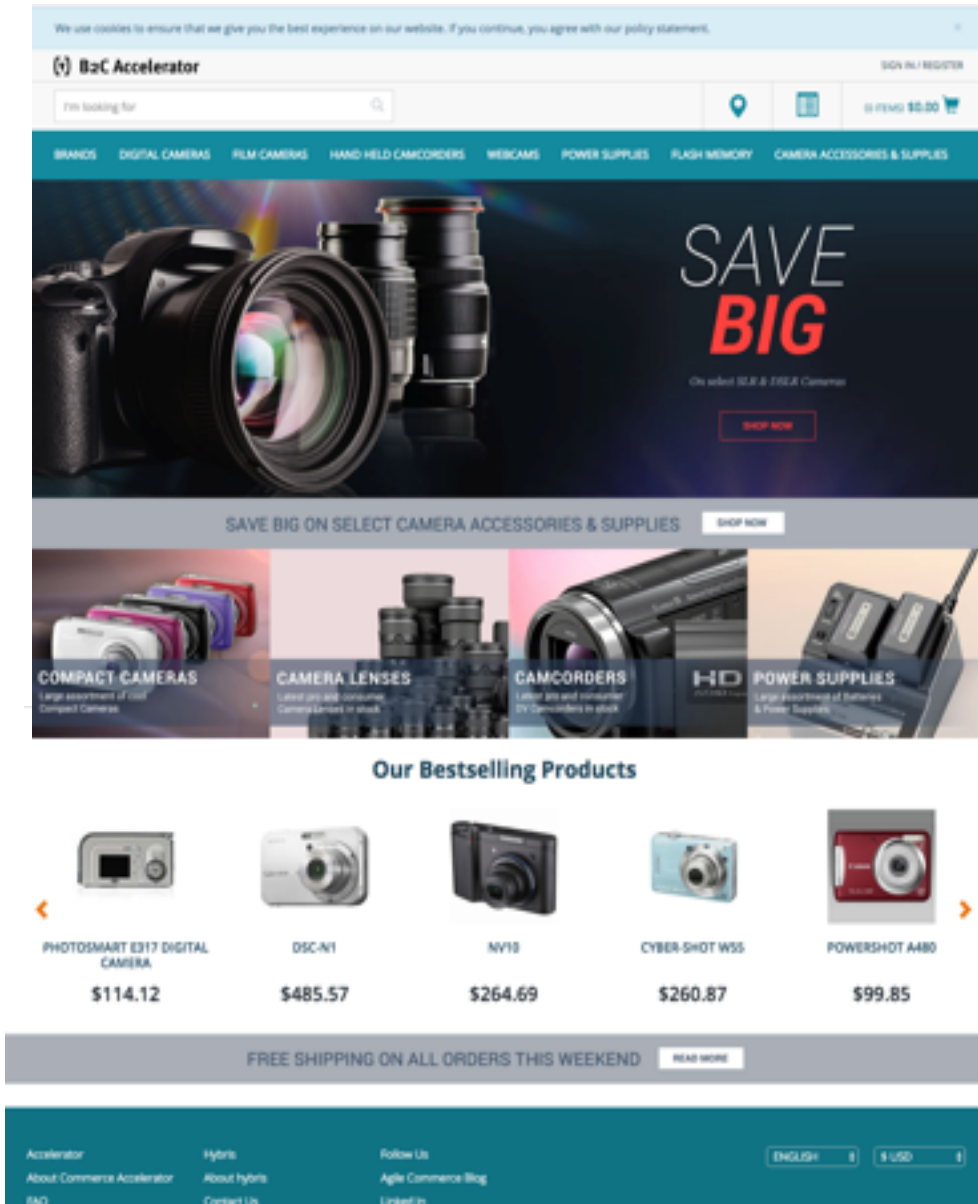
Building a Commerce Site with Commerce Accelerator

- Some SAP CX customers build their commerce sites from the ground up
 - where the ground is the standard SAP Commerce platform!
- However, most leverage one of the SAP Commerce Accelerators
 - Functional sites that serve as starting points for your development.
 - Allow you to jump-start your implementation, shortening your development time and simplifying maintenance
- Each accelerator consists of extension templates
 - These templates are copied and renamed using the build framework
 - You will directly modify the java and configuration files in these extensions to build your site



B2C Accelerators

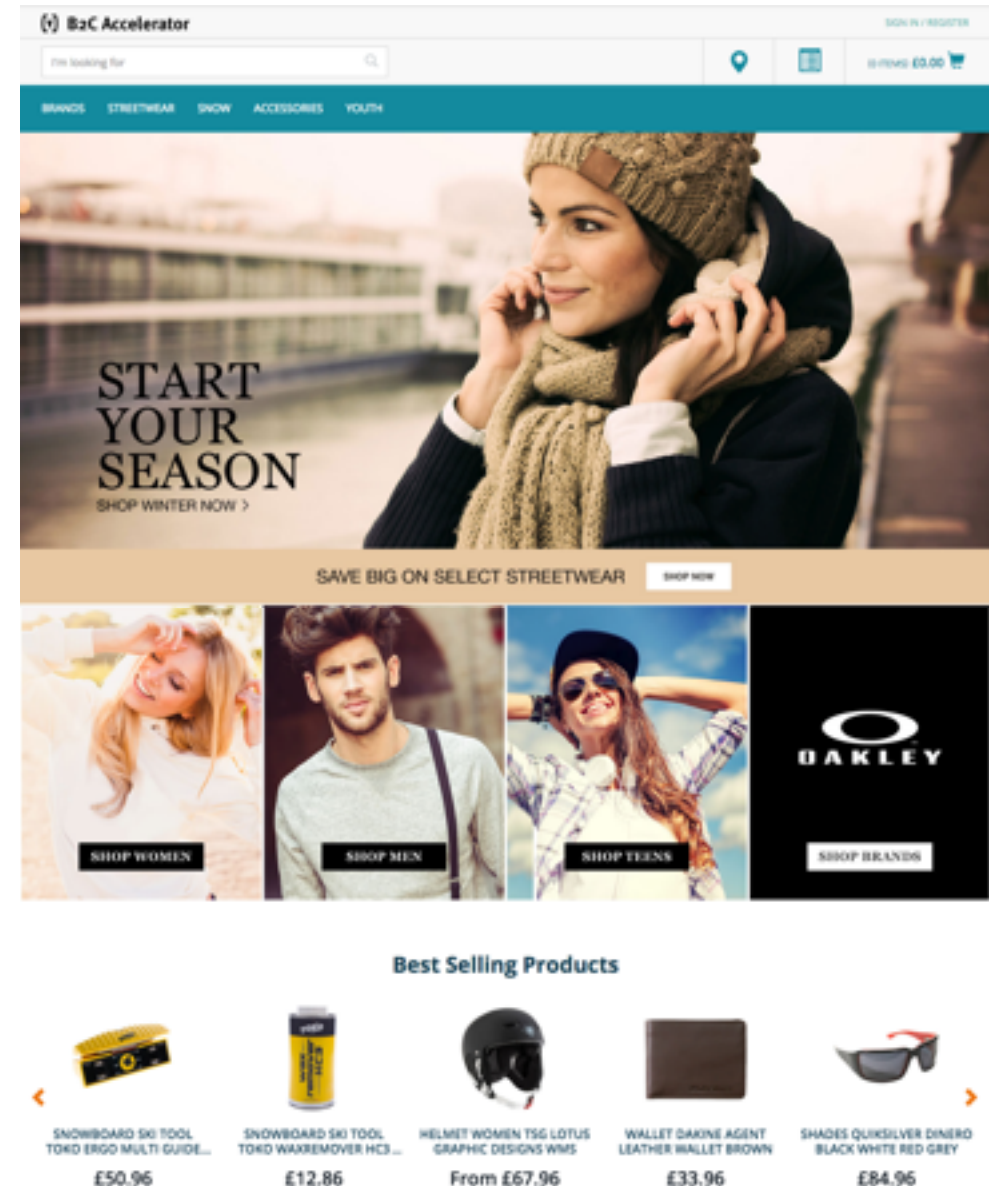
Accelerators



Storefronts ready to go live.

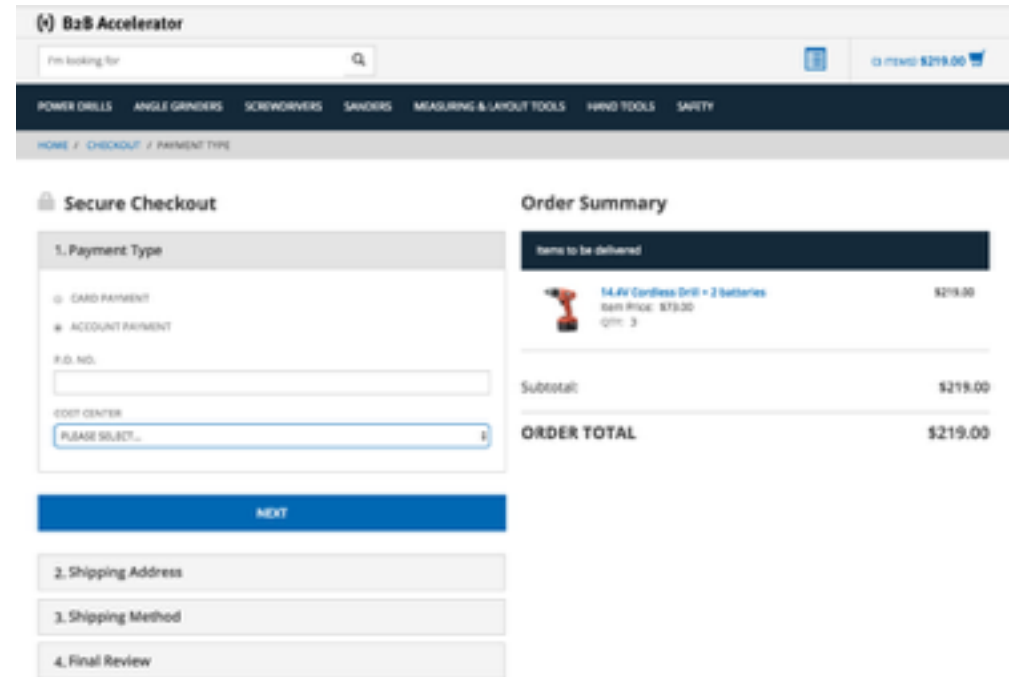
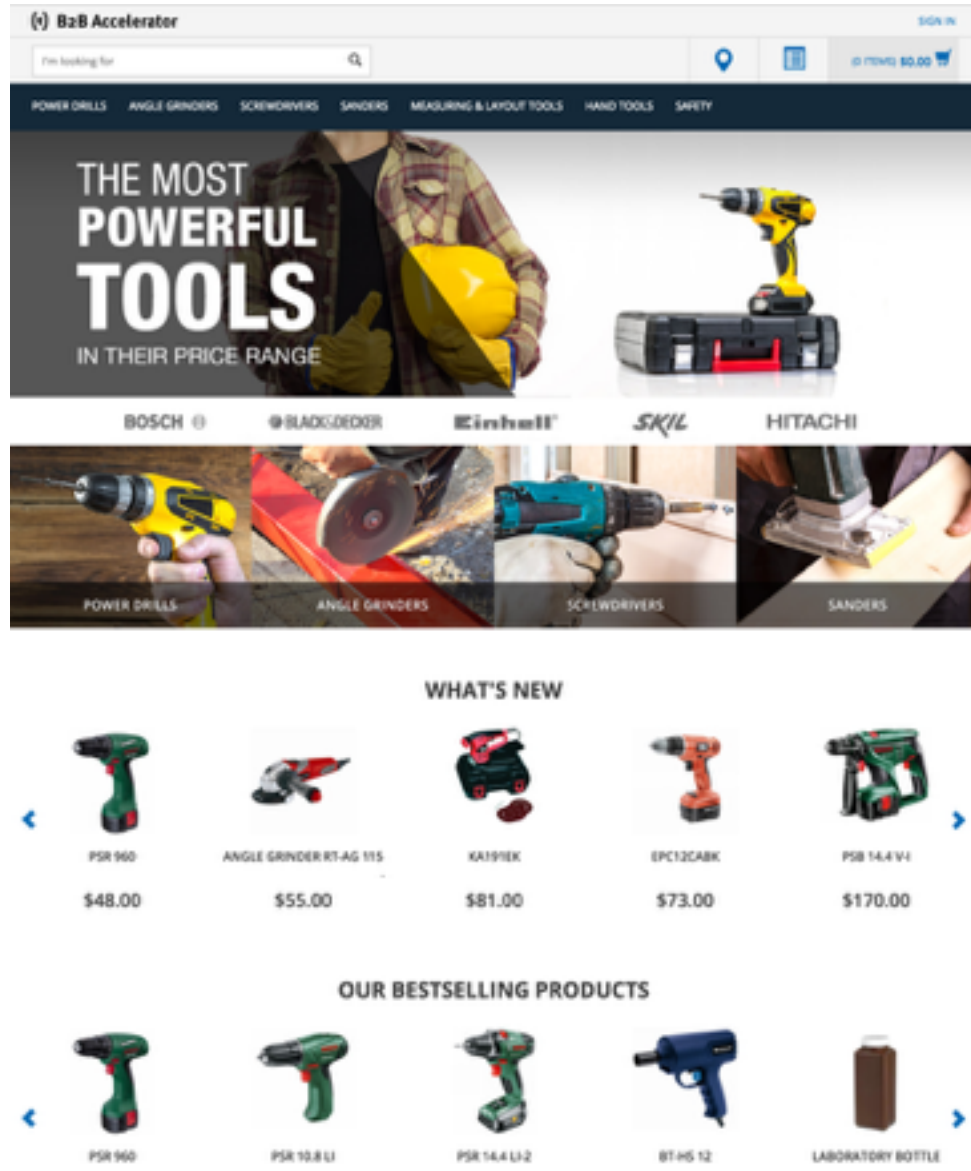
Easy to re-skin

Performance-tested, SEO-friendly URLs



B2B Accelerator

Accelerators



Telco & Media Accelerator

Accelerators

Telco & Media
ACCELERATOR

SIGN IN / REGISTER

I'm looking for

0 ITEMS

DEVICESACCESSORIESSERVICE PLANSERVICE ADD-ONS TV CHANNELS

Browse the latest devices

Smartphone Plans

Get great savings on the latest smartphones on the market!

View plans

TV Channels

Flexible plans which adapt to your ever changing lifestyle

View plans

Pay As You Go

Great Phones
No Contract
No Hassles

Shop for phones

Accessories

Looking for that extra expensive bit

Go to store

BESTSELLING PRODUCTS

APPLE IPHONE 6

\$749.00

APPLE IPHONE 6 PLUS

\$949.00

IPHONE 3GS 32GB

\$500.00

IPHONE 3GS 16GB

\$300.00

IPHONE 3GS 16GB

\$200.00

Accelerator

About Commerce Accelerator

Documentation

Hybris

About hybris

Contact Us

Follow Us

Agile Commerce Blog

Linked In

Facebook

Twitter

© 2017 hybris software

Telco & Media
ACCELERATOR

SIGN IN / REGISTER

I'm looking for

0 ITEMS

DEVICESACCESSORIESSERVICE PLANSERVICE ADD-ONS TV CHANNELS

HOME / OPEN CATALOGUE / PLANS

Smartphone Plans

Get great savings on the latest smartphones on the market!

STARTING AT

\$24.95/month

View plans

Pay As You Go

Top up when you need to with our prepaid plans

STARTING AT

\$10.00/month

View plans

Starter Plans

Get started with one of our basic plans

STARTING AT

\$19.99/month

View plans

Tablets Only

Browse the web on the go with our tablet plans

STARTING AT

\$14.95/month

View plans

Telco & Media ACCELERATOR				
SIGN IN / REGISTER				
I'm looking for				
0 ITEMS				
DEVICESACCESSORIESSERVICE PLANSERVICE ADD-ONS TV CHANNELS				
My Device Select a Device				
My Service Plan Select a Service Plan				
My Service Add-Ons Choose your Service Add-Ons				
SIM ONLY VOICE TABLET STARTER PAY AS YOU GO SMARTPHONE SIM ONLY DATA				
CONTACT LENGTH: 12 MONTHS				
y Smart 600 12M y Smart 900 12M y Smart 1200 12M y Smart Unlimited 12M				
Billing Frequency	Monthly	Monthly	Monthly	Monthly
Price	\$19.00 Monthly	\$19.00 Monthly	\$19.00 Monthly	\$19.00 Monthly
Term of service frequency	12 Month(s)	12 Month(s)	12 Month(s)	12 Month(s)
Term of service renewal	Auto-renew	Auto-renew	Auto-renew	Auto-renew
Included	Includes 600 Phone Minutes Includes 1000 Text Messages Includes 500 MB of Data	Includes 900 Phone Minutes Includes 1000 Text Messages Includes 500 MB of Data	Includes 1200 Phone Minutes Includes unlimited Text Messages Includes 500 MB of Data	Unlimited Phone Minutes Includes unlimited Text Messages Includes 1 GB of Data
Usage Charges	Additional Minutes \$0.40/minute Additional Texts \$0.15/text message	Additional Minutes \$0.40/minute Additional Texts \$0.15/text message	Additional Minutes \$0.40/minute	
ADD TO CART ADD TO CART ADD TO CART ADD TO CART				

Accelerator Features • Business User-Focused Cockpits in Backoffice

The image displays three overlapping screenshots of SAP Business Accelerator interfaces, illustrating business user-focused cockpits in the backoffice.

Left Screenshot: Product Catalog

The interface shows a product catalog for cameras. The main banner reads "Check out our brand new models" and "SHOOT BIG TRAVEL HOME". The left sidebar includes "Shop by Category" with links for Camera Kits, Camera Lenses, and Tripods. The top navigation bar includes "BROWSE", "DIGITAL CAMERAS", "FILM CAMERAS", "HAND-HELD CAMCORDERS", "WEBCAMS", "POWER SUPPLIES", "FLASH MEMORY", "CAMERA ACCESSORIES & SUPPLIES".

Middle Screenshot: Search Results

The interface shows search results for "Shades Von Zipper Papa G black gloss black gloss/grey". The search profile context is "defaultApparelUK - Category Aware". The search results list three items:

- Shades Von Zipper Papa G black gloss black gloss/grey: £67.96
- Snowboard Ski Tool Toko Scraper Sharpener World Cup: £30.56
- Snowboard Ski Tool Toko Flexiklinge 3 mm/flexibel: £4.26

Right Screenshot: Product Cockpit

The interface shows a "Product Cockpit" dashboard. The main section displays "Data Quality Coverage" for core attributes, with a bar chart showing the number of products for each attribute coverage range:

Attribute coverage	Number of products
40-59%	1066
60-79%	2942
80-99%	404

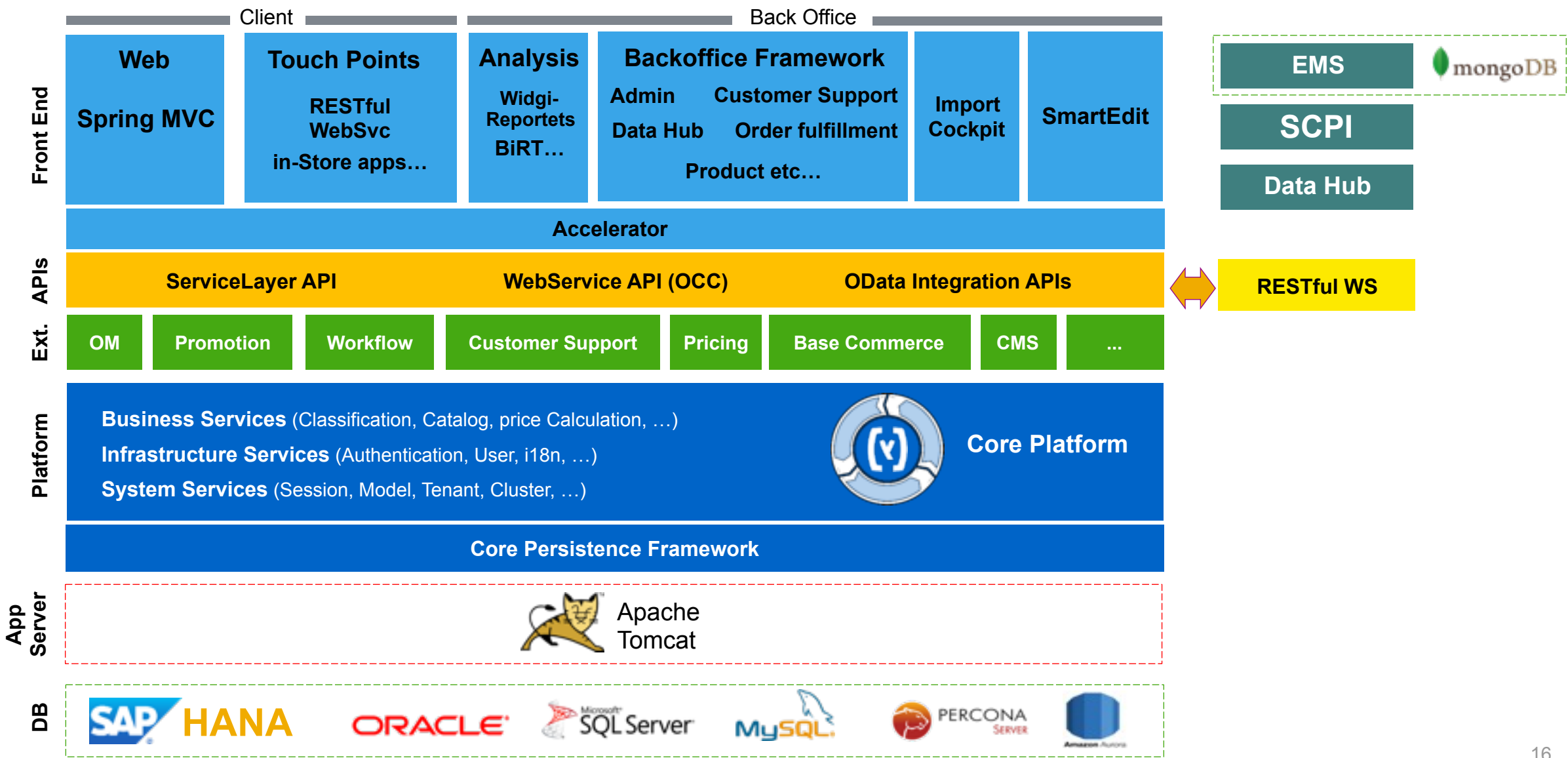
The "Product Approval" section shows a donut chart with 4.0% approved and 96.0% check. The total products are 4412. The bottom section shows "Collaboration" with "RUNNING WORKFLOWS" and "MY TASKS".

Architecture

Commerce Platform and Accelerator
Architecture

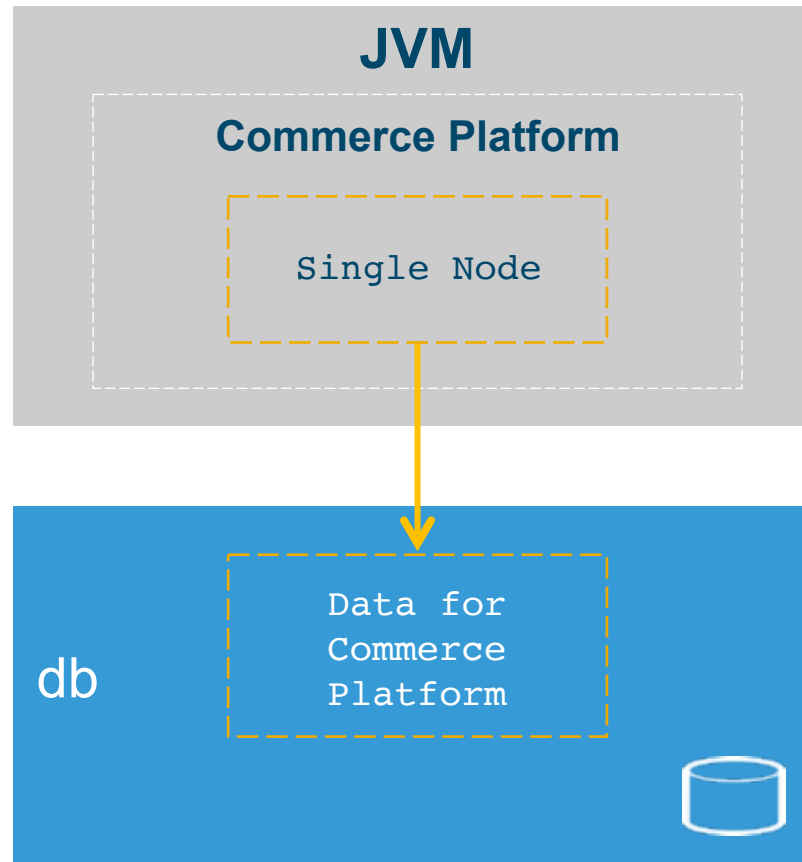


Architecture Overview



Modes of operation

- You can run SAP Commerce in three different modes of operation
 - Single Node



Modes of operation

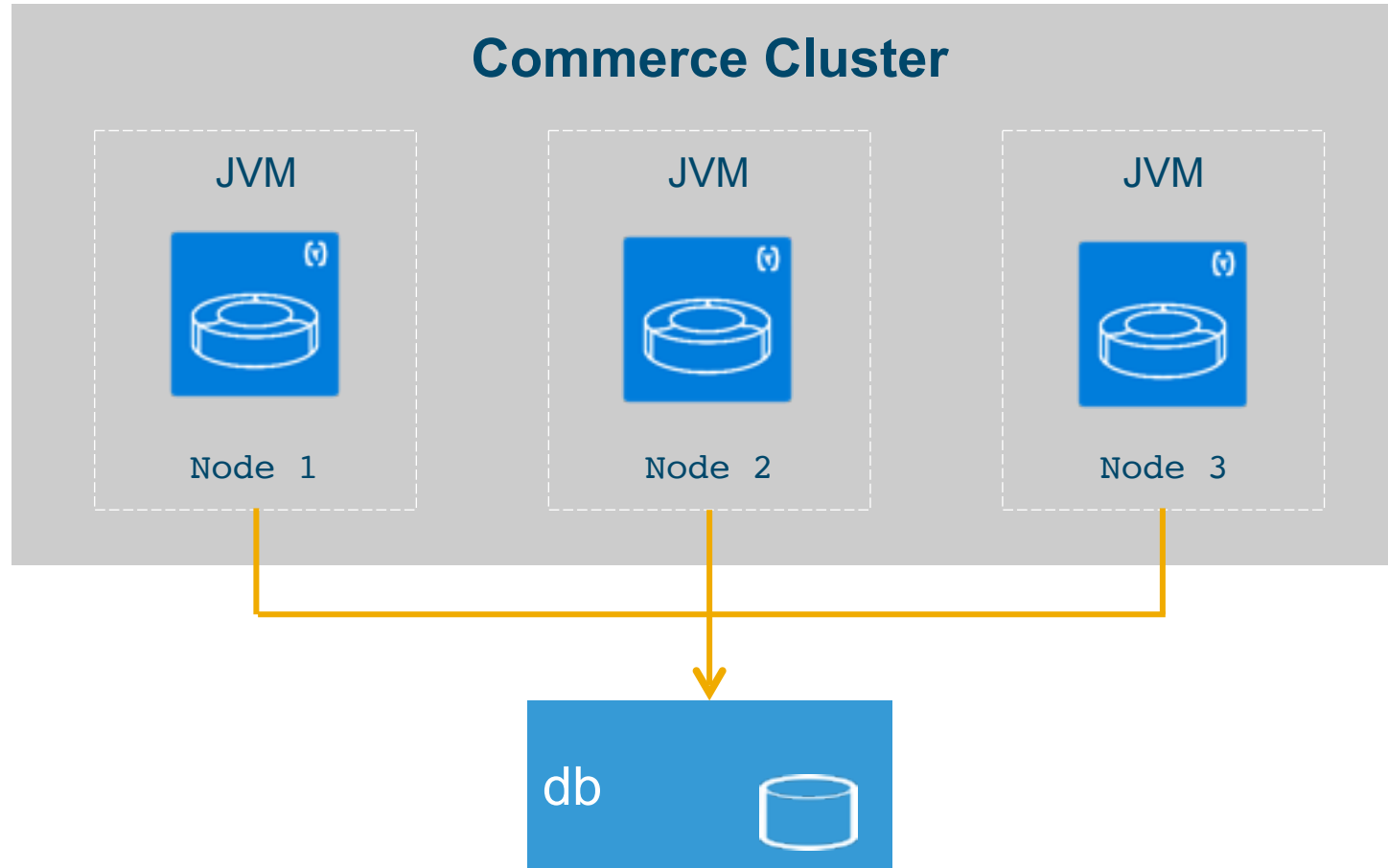
– Cluster



What is the difference between on-premise and a cloud solution?

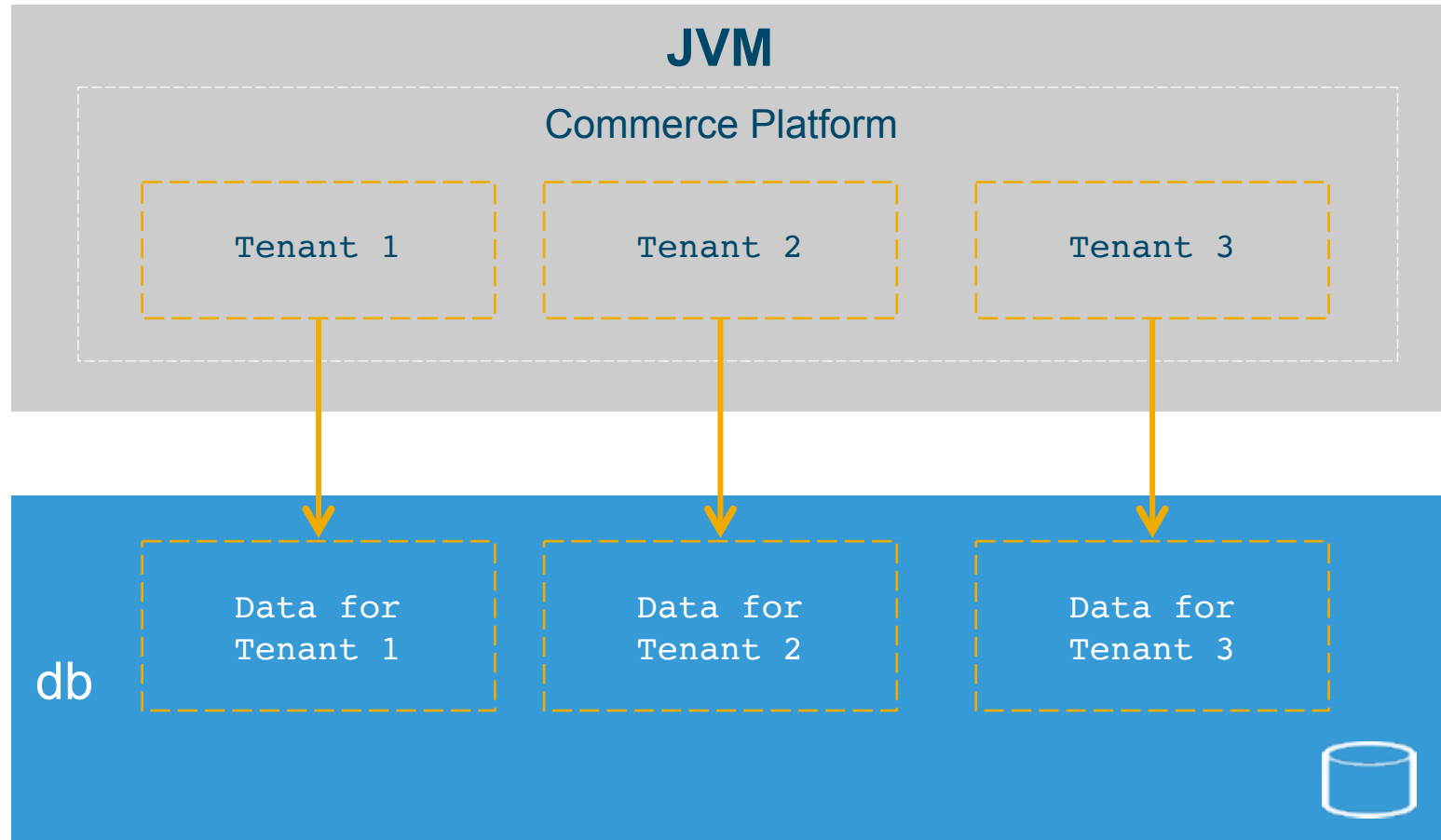


There is no difference in the development and functionality
– only deployment differs



Modes of operation

- Multi-tenant (not recommended approach except for JUnit)





- There is a single SAP CX Product family with the following pillars: Commerce, Marketing, Services, Sales and Customer Data
- SAP Commerce is an omni-channel platform
- Speed up the development of a Commerce Site using one of many Commerce Accelerators
- Extend the functionality by building, editing, and enabling extensions
- Operate SAP Commerce in different modes:
 - Single Node - mostly for development
 - Cluster - mostly for production
 - Multi-tenant - mostly for Junit

Thank you.

