

bluemarble

BlueMarble – TechMahindra’s digital transformation accelerator – is a repository of productized, Digital BSS microservices focusing on the transformation of existing IT systems. It supports low code, modular, cloud-native solutions, which can be flexibly adapted to client requirements.

SOLUTION KEY FEATURES:

- Repository of low-code microservices
- Focus on Telecommunication BSS transformation
- Modern, agile, 100% open source IT stack
- Flexible, scalable, containerized deployments

MICROSERVICE DOMAINS

CUSTOMER

Provide access to consolidated customer data, including customer’s purchased and installed products. The integrated customer data cache supports additional capabilities like linking customers into a single, virtual customer entity.

SHOPPING CART

Shopping cart is the essential component of the sales customer journey, supporting real-time rules evaluation and charge calculation. Shopping carts are persisted to support cross-channel customer journey.

ORDER MANAGEMENT

A complete catalog-driven, microservices-based Order Management solution that supports execution and monitoring of converged orders, provides order decomposition and triggering of corresponding back-end IT systems.

PRODUCT CATALOG

The product catalog manages static product, services and resource data, with the ability to consolidate across several back-end product catalogs. It also enables creation and management of advanced ruling.

ORDER CAPTURE / CHECKOUT

The Order Capture components provides a highly configurable checkout process based on existing data capture and validation elements that are applied based on customer and shopping cart data.

RULES FRAMEWORK

High-performance rules engine and advanced rule definition framework supporting dynamic service behavior and customer experience

BUSINESS SOLUTIONS

Creating end-to-end solutions from microservices building blocks and UI components to solve business challenges with immediate value to the clients.

CUSTOMER EXPERIENCE

All **BlueMarble** business services provide pre-built UI and functional components that enable fast creation of new user-facing applications.

MICROSERVICES

BlueMarble micro-services platform is agnostic to existing IT systems and their vendors in order to provide flexibility in deployment.

DIGITAL BSS

The Digital BSS solution provides components to easily and quickly support the complete customer journey with a consistent solution.



LAUNCH TIME

6 MONTHS



TIME TO MARKET

- 20% ↘



INCREASE IN SALES

+ 10% ↗



DIGITAL CHANNEL APPLICATION

6 WEEKS



ERROR REDUCTION

- 40% ↘