

Introduction

In this era of burgeoning smart devices, it is imperative to connect them and make use of critical information that they can provide to solve many business challenges and transform the world as we see it.

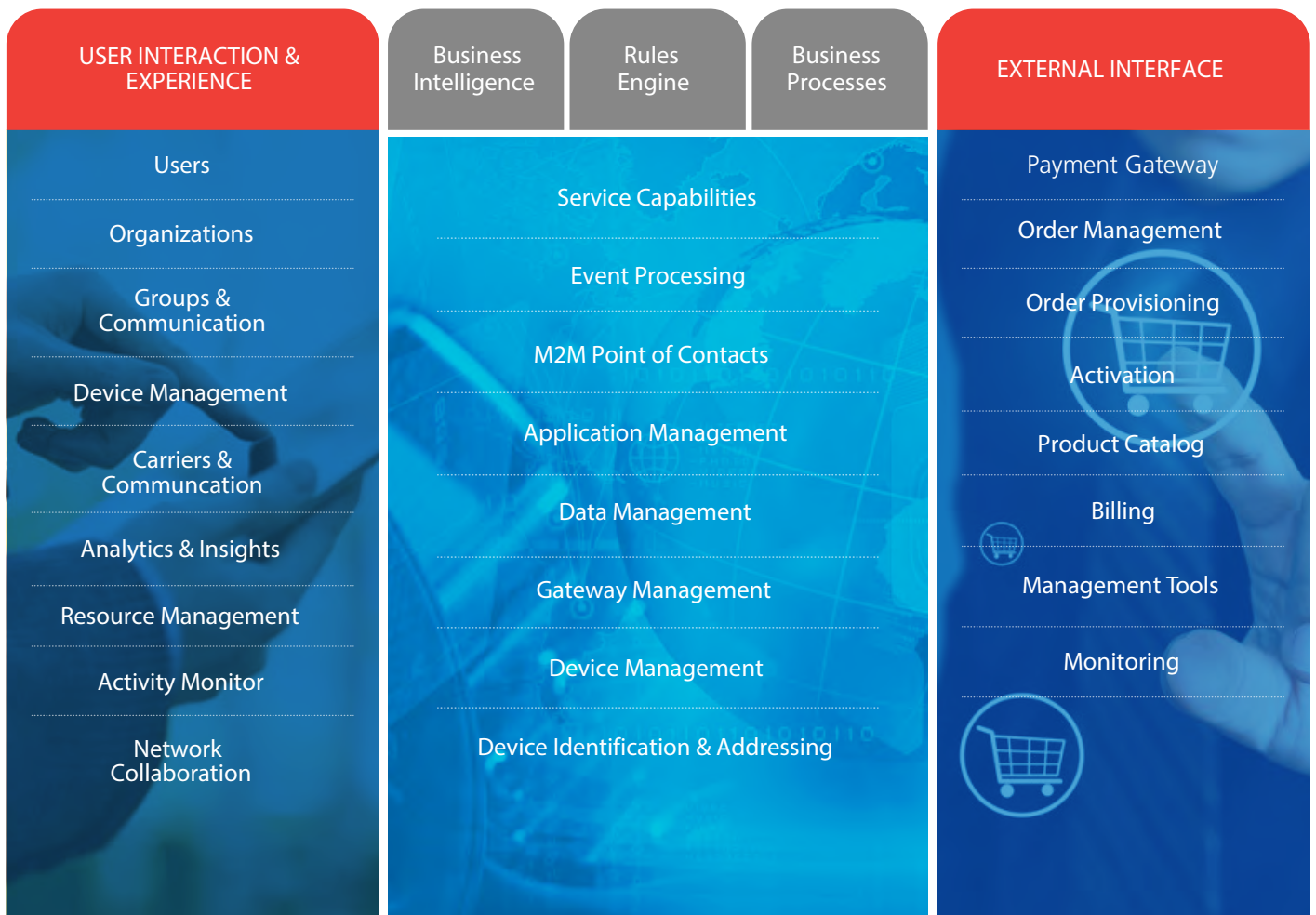
Customers embarking on an M2M/IoT initiative need to acquire real-time data from a multitude of devices, attach a context and move this to the cloud for next level of interpretation, management and analytics. As a result, organizations need a proven, scalable and secure M2M platform to connect and manage devices anywhere in the world.

However, the technology to make this a reality is challenged by factors such as lack of device agnostic enabler or platform, lack of platform that can scale across the enterprise, etc.\

Prodapt's ETSI compliant IoT middleware platform addresses these challenges with the ability to create M2M applications and store real-time data.

Synapt Middleware

The platform provides integration of a diverse set of M2M technologies into a scalable, managed platform that helps customers build M2M applications for viewing data from connected devices and people. In order to make Internet of Things a reality for our customers, Prodapt built a robust IoT platform that adheres to ETSI standards. The platform provides core software infrastructure for M2M development with a standard data model and nomenclature widely accepted in M2M world. The software components are designed in such a way that the platform can serve millions of concurrent devices and support unlimited number of transactions to and from them. By adhering to ETSI's M2M specifications, the platform brings end-to-end view of machines, their connectivity and the services they offer to their customers.



Capabilities



Conforms to European Telecommunication Standards Institute (ETSI) standards and offers custom Service Capability Layer (SCL) primitives as an add-on, beyond ETSI

High scalability is achieved by ensuring statelessness



Offers normalized data definition and modeling guidelines for easy and rapid development of M2M solutions by focusing on end user experience

Supports diverse device types



Open and RESTful APIs allow easy integration with any network or utility application as well as device or gateway applications

Easy integration with analytics engine for business analytics and reporting



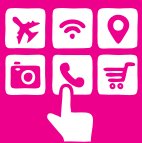
Supports any industry vertical

Serves as a data acquisition server for M2M solutions

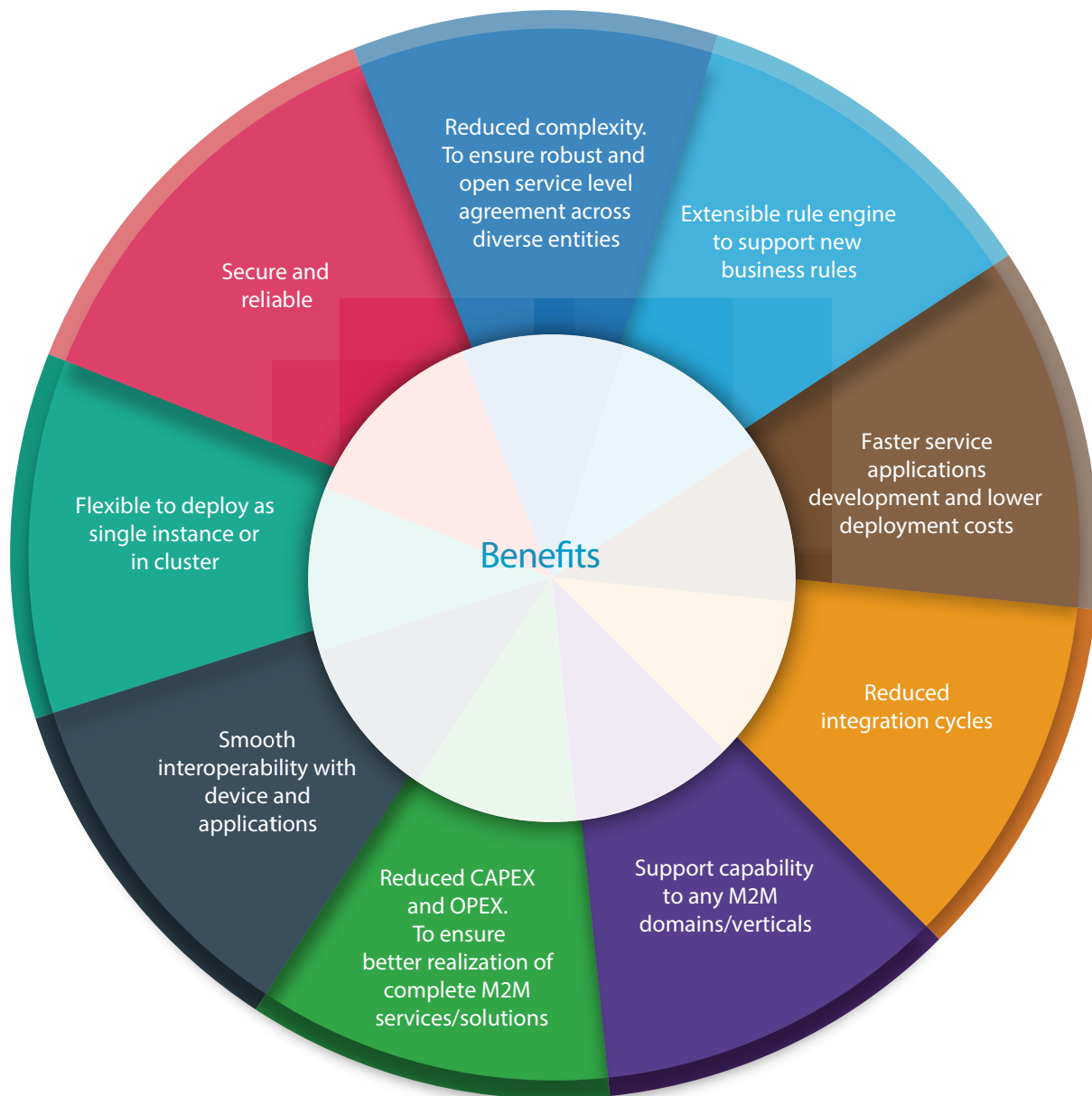


Performance and scalability: Ability to manage high data volumes and variable data patterns

Extensibility: Ability to handle unique business requirements in rapidly changing environments



Enterprise integration: Ability to transfer machine and sensor data to business systems and trigger external workflows in these systems



ABOUT PRODAPT

Prodapt is a leading global IT services and operations company focused on telecommunications and IoT. Headquartered in Chennai, India, Prodapt has additional locations in the US, Europe, and South Africa. Prodapt is part of the 120-year-old Indian business conglomerate, the Jhaver Group. The Group employs over 16,500 people across 64 countries. Prodapt is an ISO 9001:2008, ISO 27001:2015, SSAE16, and CMMI Level 3 certified company.

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