INDEX

XOne is a Low-code Development Platform

It counts on all the necessary to develop, deploy, support and evolve real native and web apps, with a unique code for any O.S of the market

XONE PLATFORM

OVERVIEW

Mobilization of any business process
Custom Mobility Apps
Accelerates the development
High Security and Reliability
Multi experience developments

Real Native App
Incorporation of new O.S.
Constant extension of Functionalities
Add new Emerging Technologies
Offline-online-push Communications

FEATURES

XOne Features

FEATURES	Native	Web	Hybrid	XOne
Improves the User experience	Yes	No	No	Yes
Execution and answer speed	Yes	No	No	Yes
Take advantage of the capabilities of the device	Yes	No	No	Yes
Dependency of the connectivity	No	Many	Many	No
Offline working and information cache	Yes	No	No	Yes
Asynchronous synchronization with the server	Yes	No	No	Yes
Security	High	Low	Low	Very high
Assured integration with most of the backend of the market				Very high
Deployment from App Store / Google Play	Yes	*Apple	*Apple	Yes
Deployment from MAM	Yes	No	No	Yes (included)
Less investment on development	No	Yes	Yes	Yes
"Time to market" reduction (2 months)	No	Yes	Yes	Yes
"On air" Updates and modifications	No	Yes	Yes	Yes
A only source code maintenance	No	Yes	Yes	Yes

FEATURES XO

XOne Functionalities

FUNCTIONALITIES	Native	Web	Hybrid	XOne
Addressed to utilities	Yes	No	No	Yes
Business process optimization	Yes	No	No	Yes
Improves the client experience on loyalty process	Yes	No	No	Yes
Suitable for services delivery	Yes	No	No	Yes
Addressed to contents broadcast	No	Yes	Yes	Yes
Business information access	by MAM	Yes	Yes	Yes (included)
Test app delivery to the market by reducing the investment	No	Yes	Yes	Yes
Adding cutting-edge technologies (Multi-experience)	Medium	No	No	High (projects in production)
IoT Integration	Medium	No	No	High (projects in production)

FEATURES XO

XOne SDLC

Apps
Development
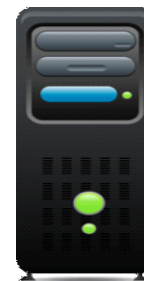Deployment
Management
Security
Maintenance

Integrated Working Area
Identities Management
Authentication
Credentials Management
Reporting

Process Reengineering
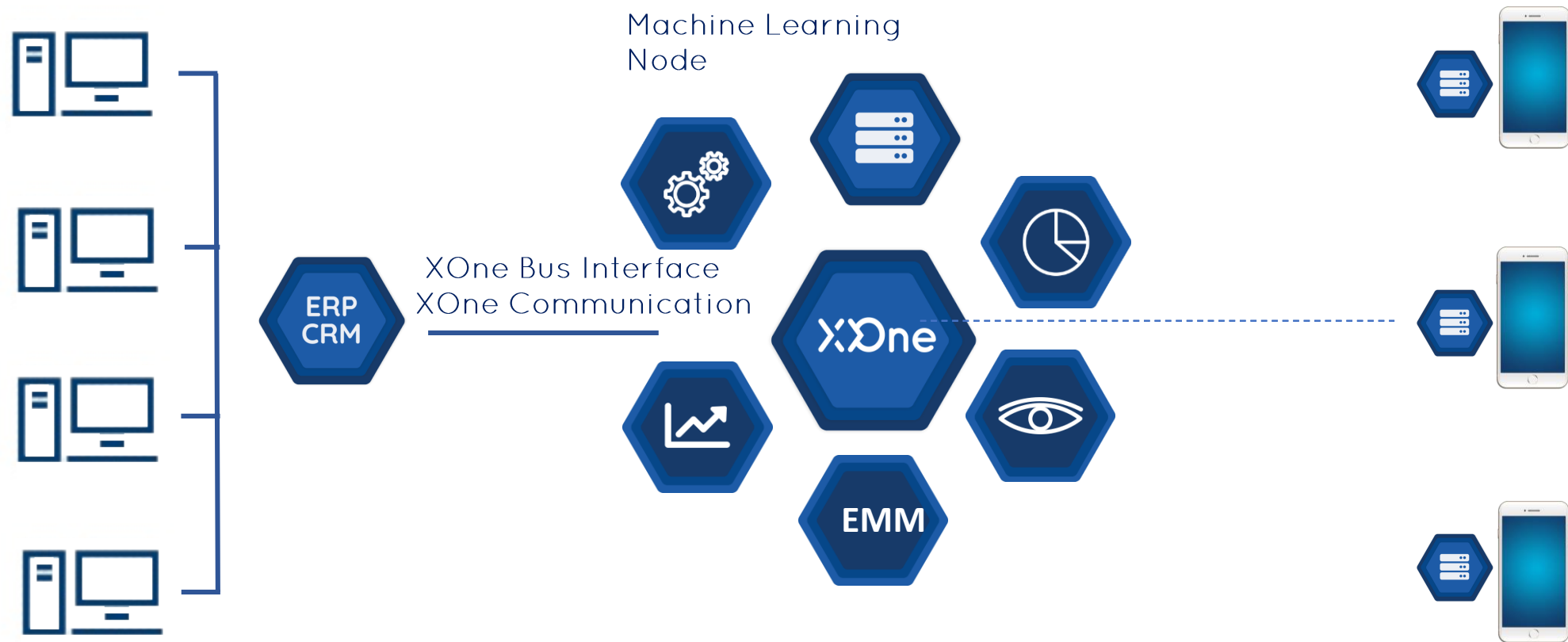Analysis and Definition
Process Automation
Services Management
Changes Management

Back-end Management
Configuration, patches, upgrades
Security web gateways
Wireless Security.
Maintenance and Support

FEATURES

XOne Architecture

Machine Learning
Node

XOne Bus Interface
XOne Communication

ERP
CRM

XOne

EMM

FEATURES XO

COMMUNICATION

XOne Communications System allows mobile apps to work independently of the existence of communication links

**Off-Line**

On-Line

Push

Smart Communications based on Machine Learning
Unattended Communications
Bandwidth Automatic Adaptation.
Databases and Documents Synchronization.
Assured Referential Integrity.

COMMUNICATION XO

XOne Functionalities

REPLICA SERVER	DB INTERCONNECTION	MULTIMASTER REPLICA
MAINTENANCE AND INTEGRITY	CLUSTERIZATION	DOCUMENTAL REPLICA
LOAD BALANCING	SECURITY ON TRANSMISSIONS	SERVERS IN CLOUD ON PREMISE
TERMINALS RECOVERY	OPERATIONS LOG	CONFLICTS RESOLUTION
DB REMOTE COPIES	MULTIPLE APPS	MACHINE LEARNING

COMMUNICATION
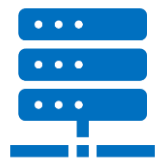
XOne Monitoring System
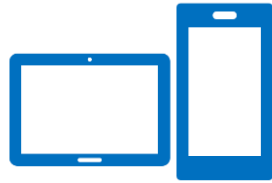
It checks the status of services, if they are stopped, it starts them again and sends a notification email.

It sends e-mail with some parameters indicating the status of the project.

It performs periodic maintenances of the tables of the app and the replica, if any.
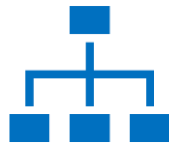
COMMUNICATION

XOne Monitoring System

It sends e-mails notifying erroneous behaviors.

It creates log of any of the previous errors for later supervision.

It makes, copies and moves files from one location to another.

Compression of files.

COMMUNICATION XO

XOne Update System

XOne Live is a web component responsible for receiving requests from devices, validating them in the app environment, and managing the submission of updates from the server side

COMNUNICATION

XOne Update System

Initial testing by device registered in the app

Secured by unique identifier

Operations log

Debugging and errors management

Embedded service in the framework

Different apps in the same device to several projects

Clear information for user during installation

Self-registration system

COMMUNICATION XO

SECURITY

Overview

Secured throughout the process (from end-to-end)

Local Isolated Database

TCP / IP encrypted protocol

Transmission SSL channel

DMZ Security Broker

SECURITY

Security Broker DMZ

Is a web attack protection system, where you get a separation of all communications between the central and the devices

Avoid identity theft.
Avoid attacks due to service denial

IDS Core

Is the core of any infrastructure for access and identity control. It allows identifying the user and managing which resources can be accessed

It provides a stable identity for users in all apps of our system

SECURITY XD

INTEGRATION

Overview

Configurable interface in XML

Dispensed service

Connector bus

Learning based on "Machine Learning"

Microservices architecture

Use of "TimeStamp"

Error report built into the device

Integration with the main Back-ends

INTEGRATION XD

Integration Bus

Integration Bus

Integration Bus
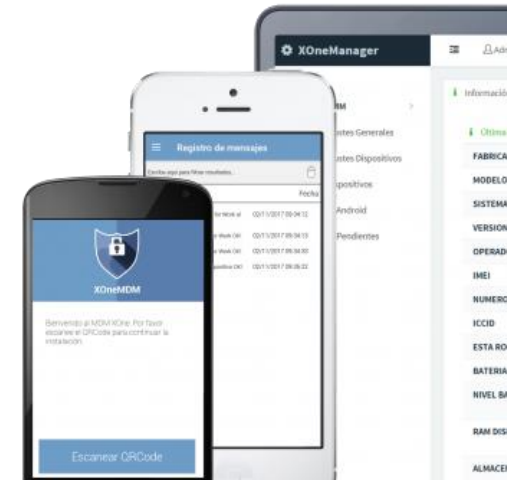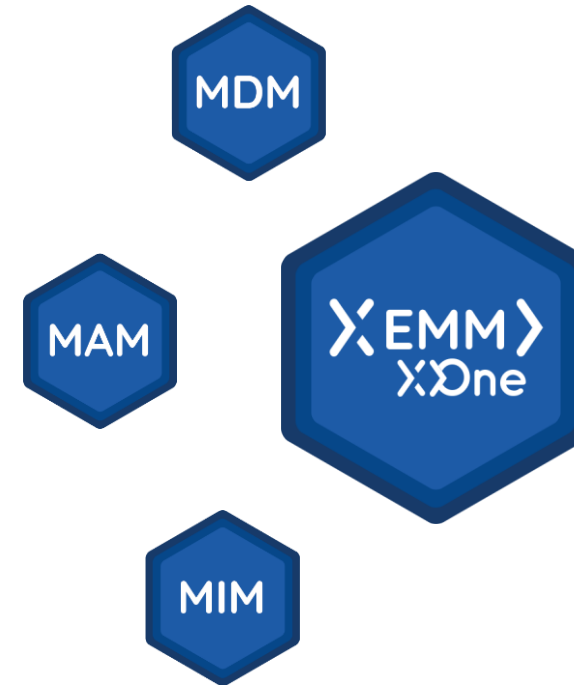
INTEGRATION XO

EMM

Overview

Integral solution for device management in the corporate context
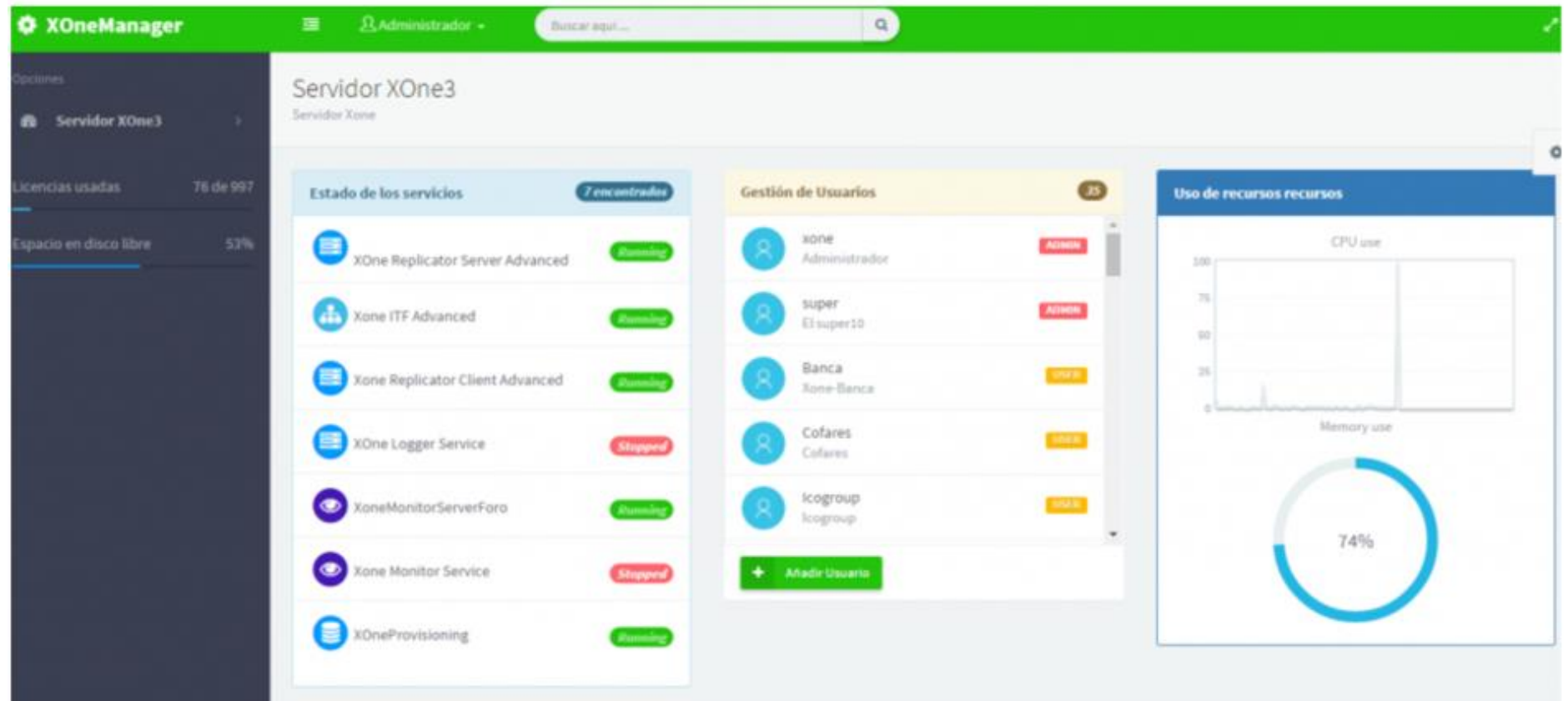
Guaranteed information security

Provision of corporate tools

Remote assistance

Online screenshot of the device

EMM

It is a web application to manage all the devices

EMM

XOne Functionalities

Automatic configuration	Over the air Updates
Apps and devices management	Devices remote wipe
Back-ups in Cloud	PUSH Services
Remote configuration	Devices queries
Devices Inventory	Devices tracking
Inventory information access for admin	Anti-theft blockade
Integrated security systems	Groups policies management
Data Reports	Display app screens
Disaster Recovery	Video Streaming

EMM

DEVELOPMENT

Overview

Easier and understandable code.

Unique code valid in different O.S.

Minimum Learning curve.

High facility at the initial deployment.

Effective distribution of modifications.

Tools that make easy maintenances.

Guaranteed Project security.

Documental management optimization.

Compatible with different languages.

Use of stand-alone modules.

Best User Experience.

Access the devices functionalities.

DEVELOPMENT XD

Architecture

Analysis

Machine Learning

XOne

Collaborative IDE environment

Development Environment

Pre-production Environment

Templates Library

Hot Swap Debugging

Production Environment

DevOps Tools
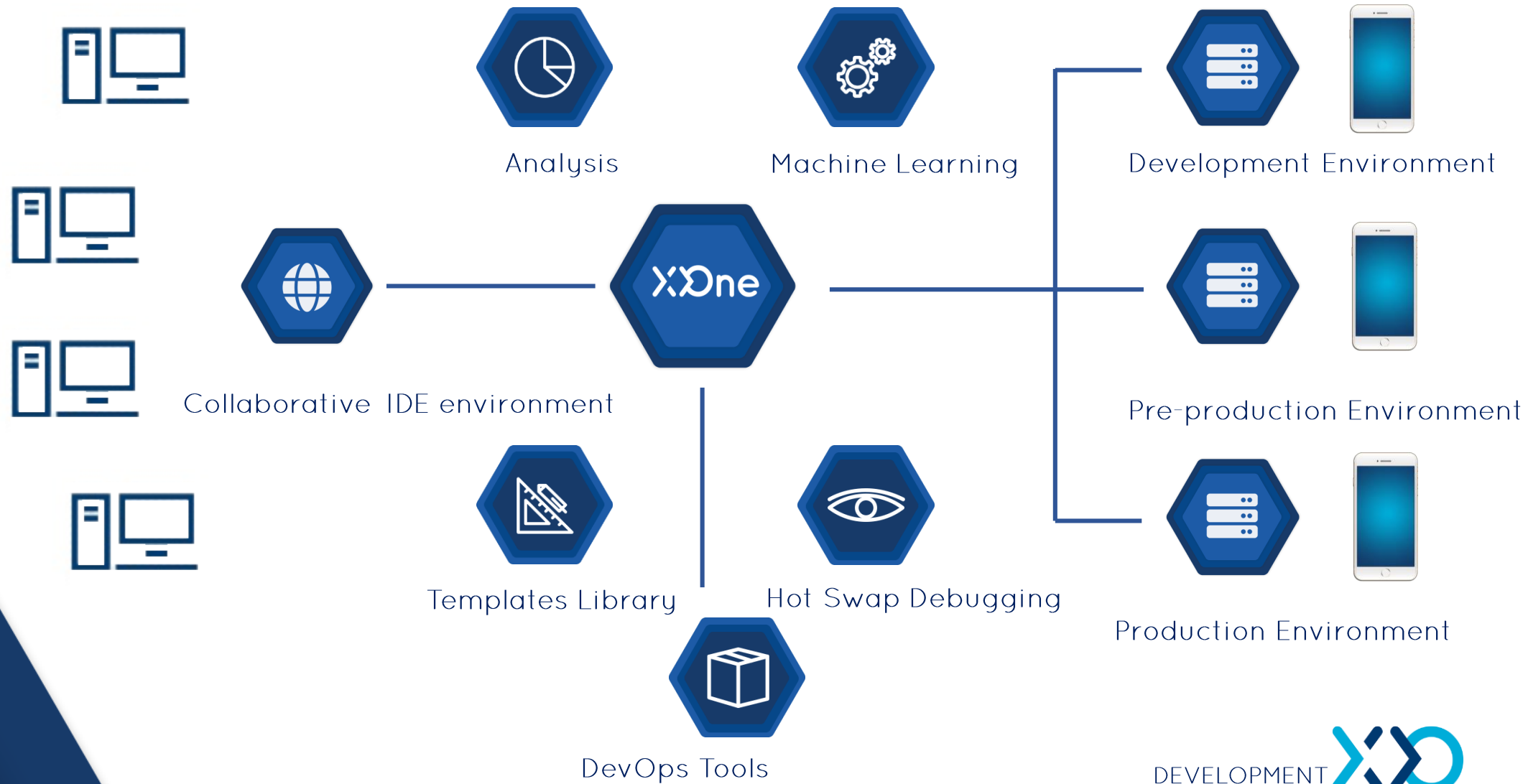
DEVELOPMENT XO

MOBILITY APPS DEVELOPMENT CYCLE

Explore → Initialize → Production → Stabilize → Testing → Fixing

Native APPS

Hybrid APPS

WEB APPS

XOne APPS (-70%)
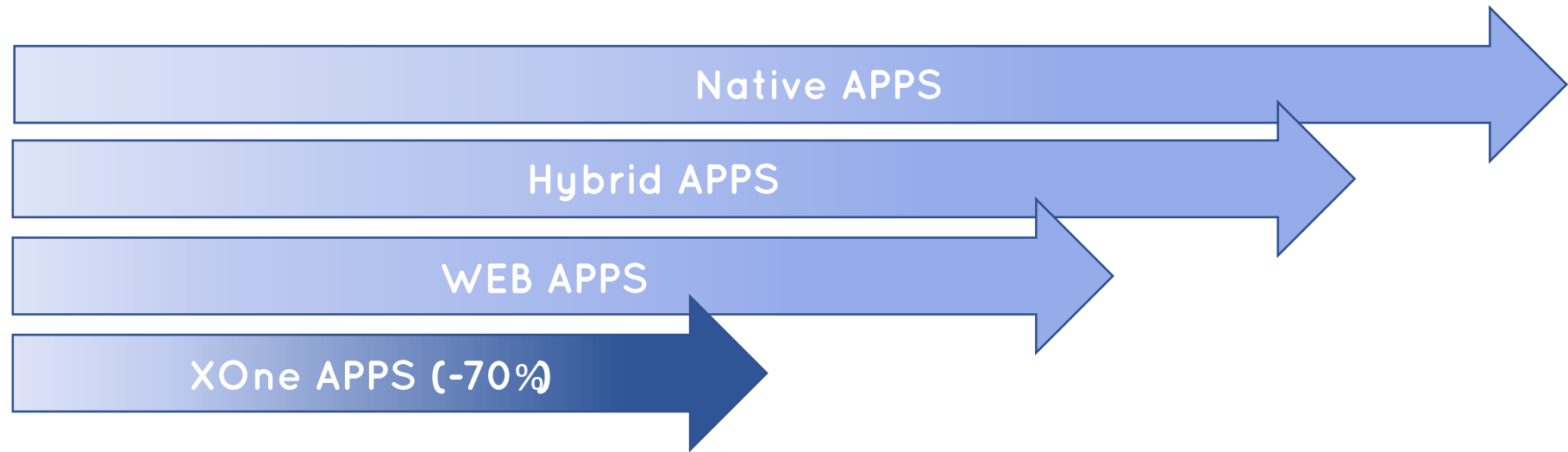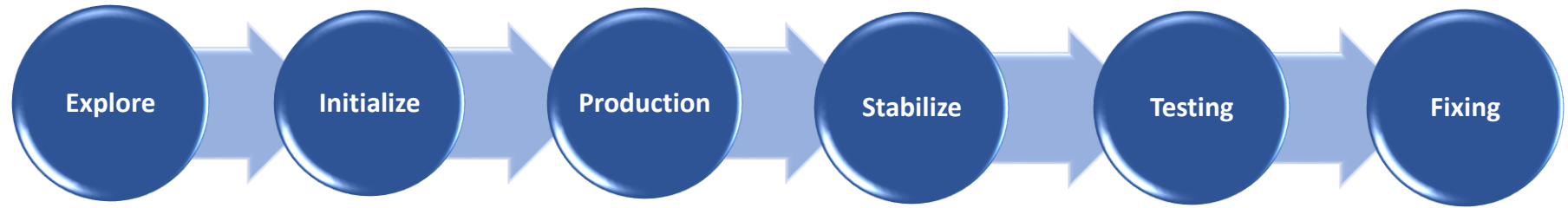
DEVELOPMENT XO

XOne Cloud Studio

Collaborative development environment

Cloud auto-saved tool

Accessible from any browser

"Hot-Swap" debugging on real devices

DevOps tools integration

DEVELOPMENT XO

XOne, ready to create and develop Apps enhanced with AI-based Technologies

XOne assist

Virtual Tutor.
Programming Assistance based on Machine Learning.
Templates library.
Unique code for all the O.S. and IoT.
Improvement of Productivity.
Cost and Development Times optimization.

- COST

+ PRODUCTIVITY

+ SECURITY

+ USER EXPERIENCE

DEVELOPMENT **XO**

Incorporating 100% of current technologies in mobility ....

XOne Assist supports a wide range of solutions powered by A.I, including Natural Language, Speech Recognition, Dialogue Management, Text Analysis, Virtual Agents, Biometric Security...

XOne trains Machine Learning models to know how to solve situations and make use of previous experiences.
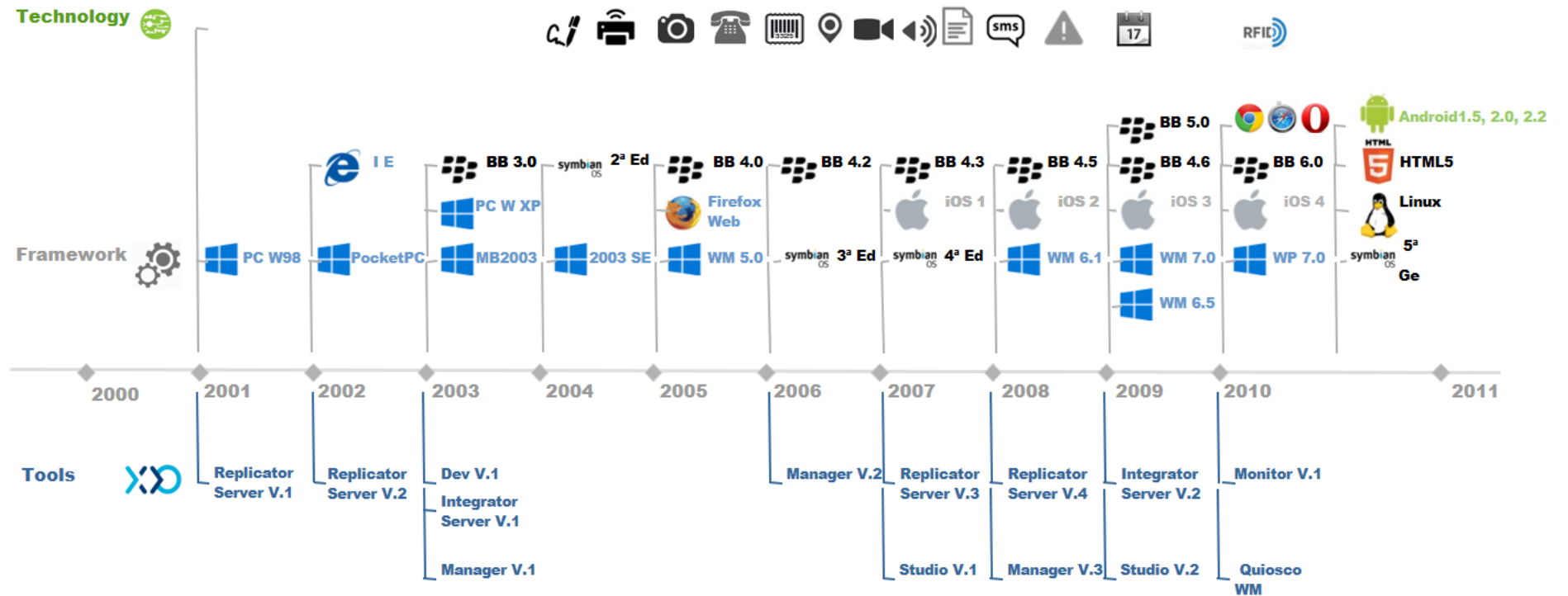
TECHNOLOGY XO

ROADMAP

XOne Roadmap

Technology

Framework

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011

Android 1.5, 2.0, 2.2
HTML5
Linux
5ª Ge

BB 5.0
BB 4.6
BB 6.0

BB 3.0 — 2ª Ed — BB 4.0 — BB 4.2 — BB 4.3 — BB 4.5

IE

PC W XP
MB2003 — 2003 SE — WM 5.0

Firefox Web

iOS 1 — iOS 2 — iOS 3 — iOS 4

PC W98 — PocketPC

symbian OS 3ª Ed — symbian OS 4ª Ed — WM 6.1 — WM 7.0 — WP 7.0 — symbian OS

WM 6.5

Tools

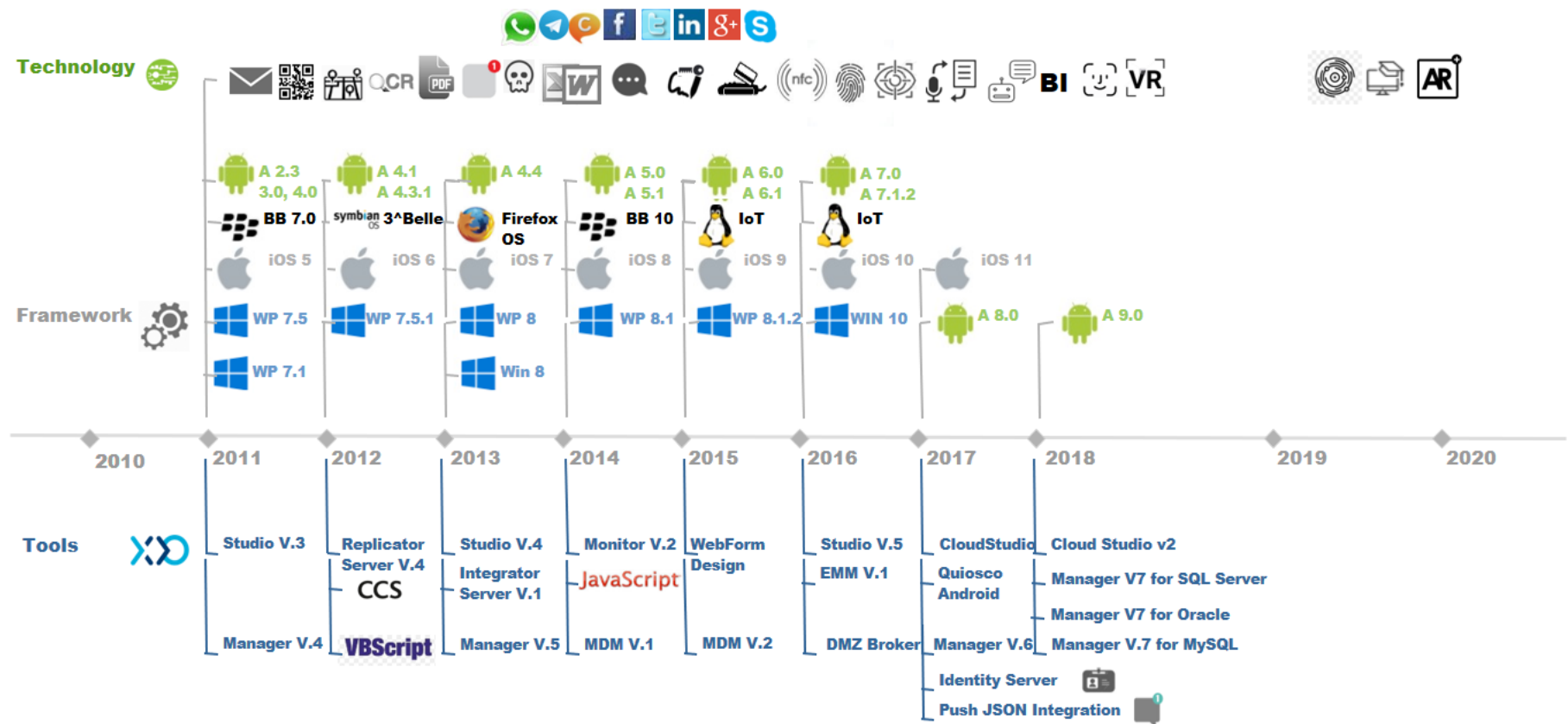| Replicator Server V.1	Replicator Server V.2	Dev V.1			Manager V.2	Replicator Server V.3	Replicator Server V.4	Integrator Server V.2	Monitor V.1
		Integrator Server V.1							
		Manager V.1				Studio V.1	Manager V.3	Studio V.2	Quiosco WM

ROADMAP

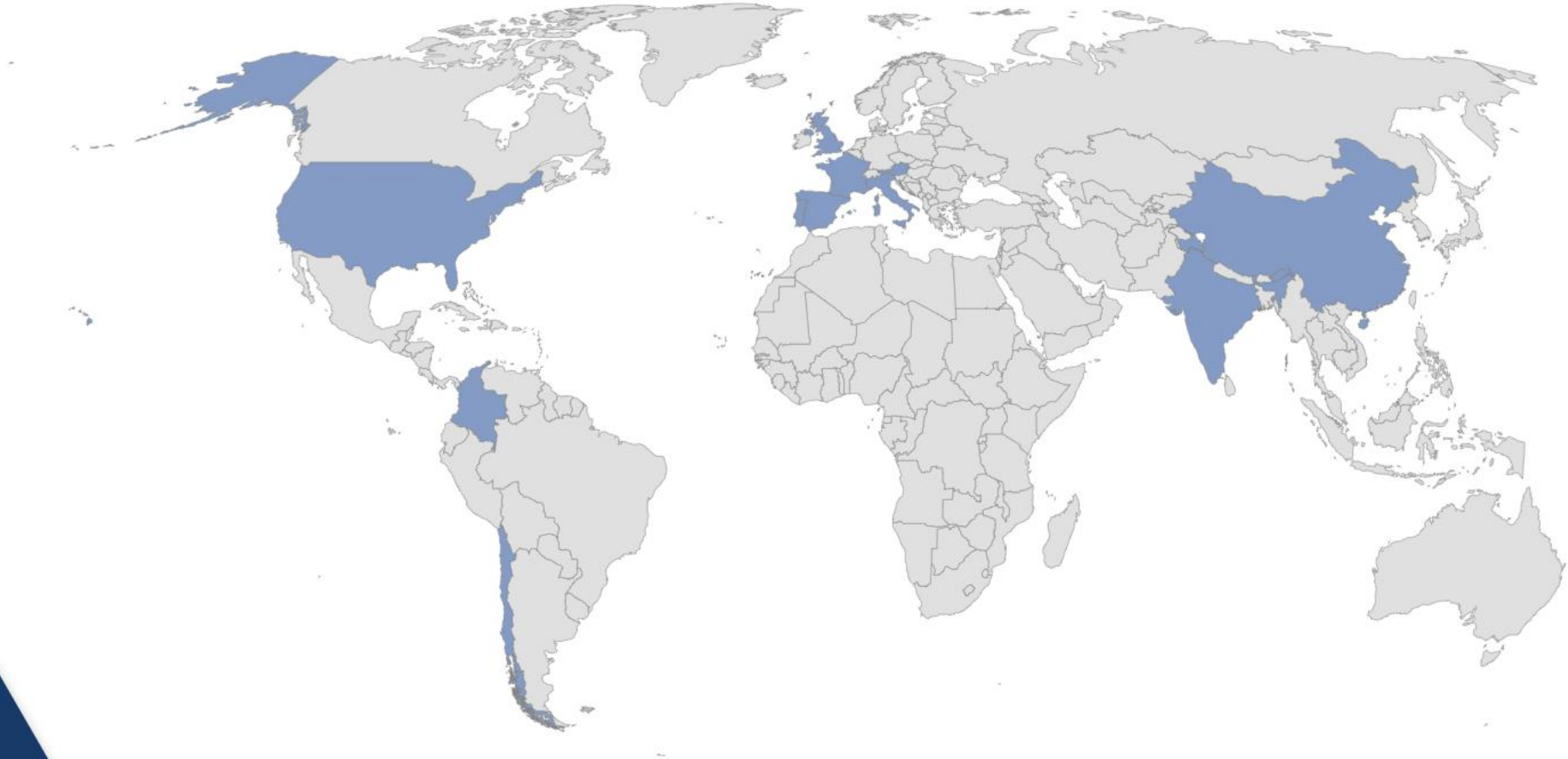|			
	Firma en dispositivo / Sign on device		Hombre Muerto / Dead Man
	Impresión inalámbrica / wireless printing		Autogeneración de código / Code self-generation
	Fotografía / Photo		Chat
	Telefonía / Phone		Firma Digital / Digital Signature
	Código de Barras / Barcode		Pasarela de pago / Payment
	Geolocalización / Geolocation		NFC
	Vídeo / Video		Firma biométrica /Biometric Signature
	Audio		Escaner de Iris / Eye Scanning
	Gestión documental / Document Management		Voice to text / Text to voice
	SMS		Agente Virtual / Virtual Agent (Chatbot)
	Alarmas IP / IP Warning		Business Inteligence
	PIM (Personal Information Management)		Realidad Virtual / Virtual Reality
	RFID		Face ID
	Correo electrónico / eMail		Voice Recognition
	QR Code		Biometric Parameters Control
	Mapas		Procesamiento Lenguaje Natural / Natural Language Processing
	OCR		Machine Learning
	Generación de PDF / PDF Generation		Realidad Aumentada / Augmented Reality
	Notificaciones Push /Push Notifications		

ROADMAP XD

ENTERPRISE

XOne is a Spanish Holding, with important presence in Latam, constituted by a professional and entrepreneurial team, dedicated to the development of native mobility apps tailored to the client, and optimized according to the highest international standards.

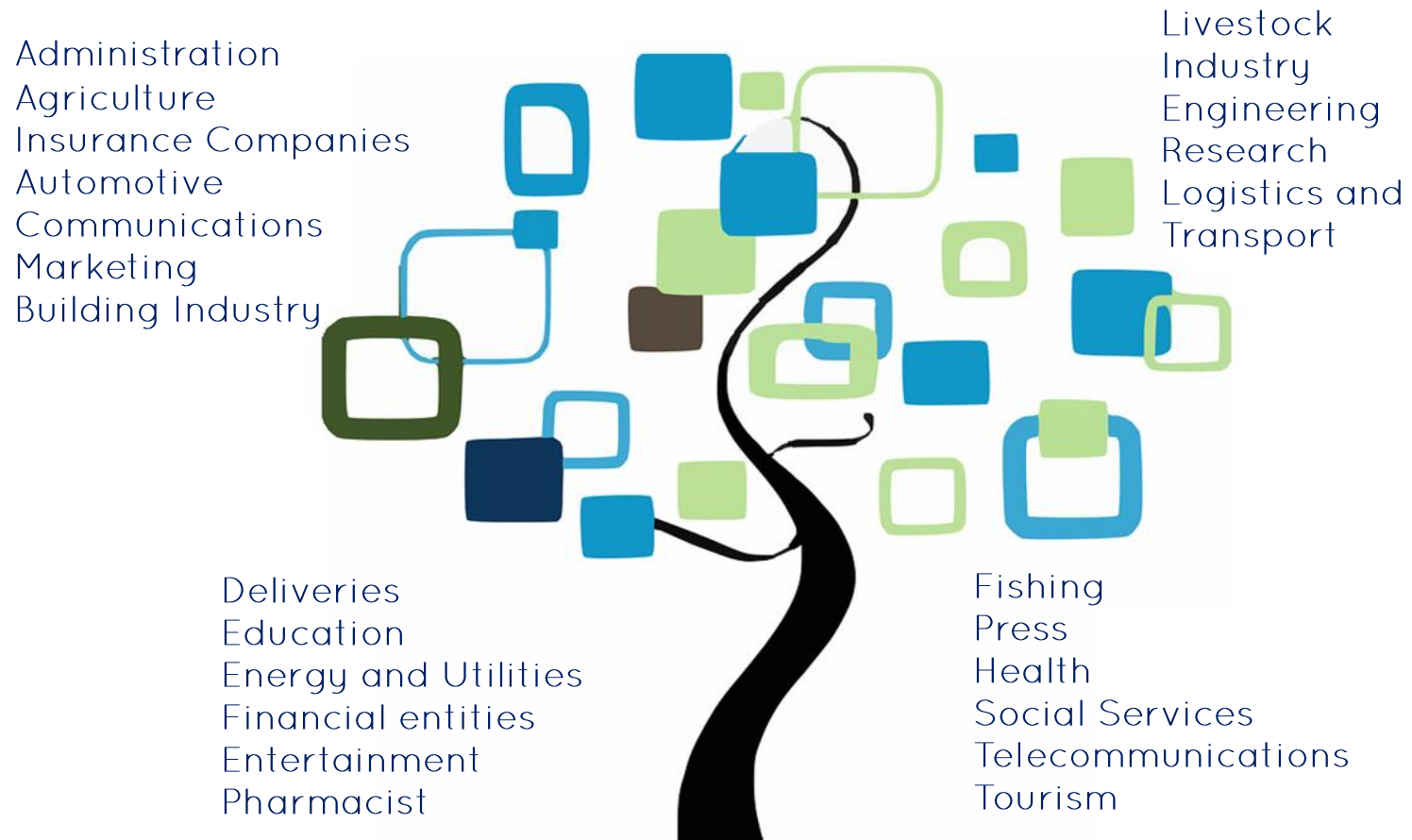**Our mission is to create value and help growth through innovative solutions**

Analysts
Programmers
Developers
Technical Staff
Marketing Staff

We are highly qualified in the development of high-tech solutions and tools
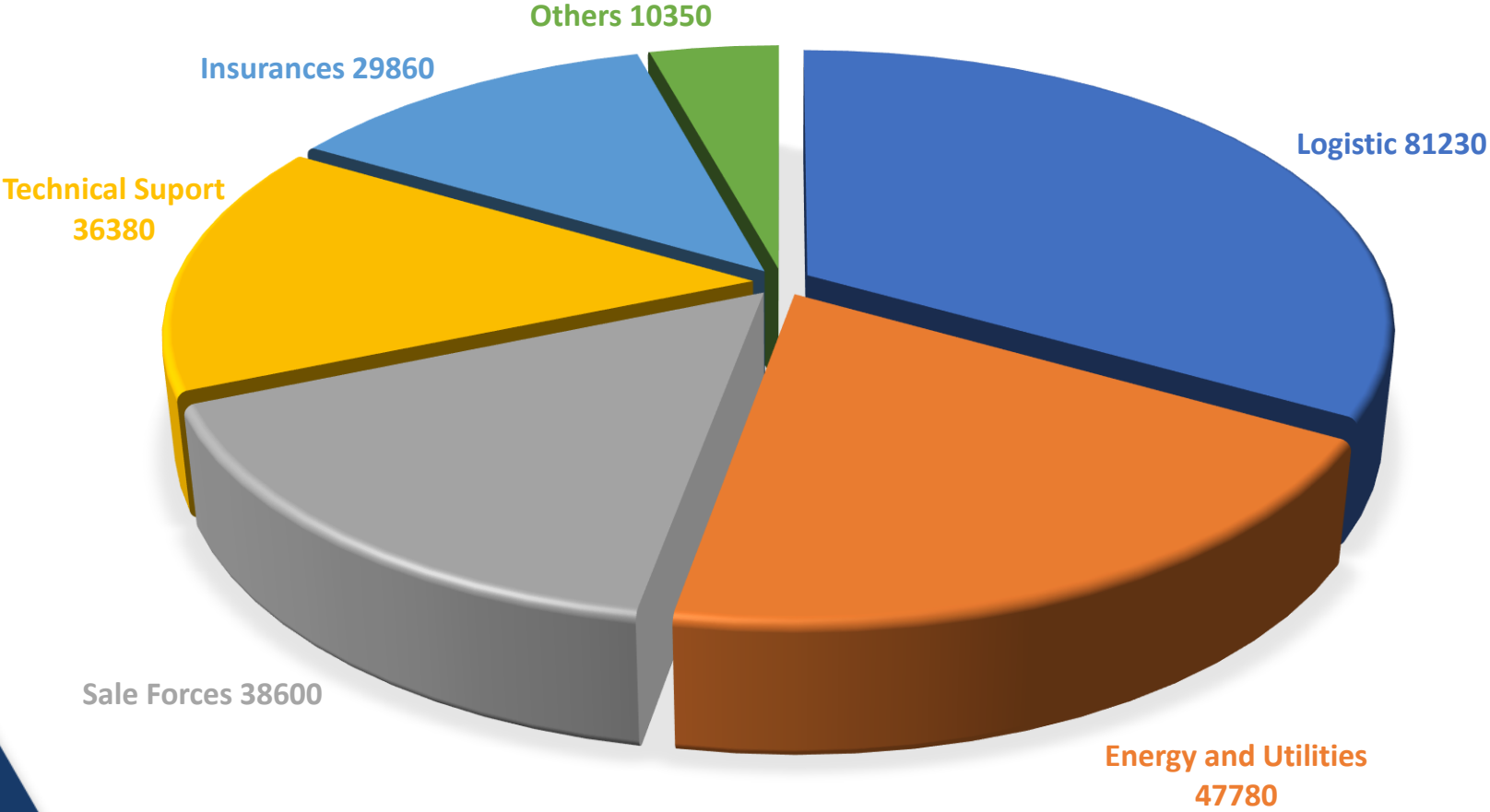
ENTERPRISE

XOne International Presence

Leading Platform at the business sector in Spain.
Implemented in more than 20 verticals.

Administration
Agriculture
Insurance Companies
Automotive
Communications
Marketing
Building Industry

Livestock
Industry
Engineering
Research
Logistics and
Transport

Deliveries
Education
Energy and Utilities
Financial entities
Entertainment
Pharmacist

Fishing
Press
Health
Social Services
Telecommunications
Tourism

ENTERPRISE

DEVICES BY SECTORS

Others 10350
Insurances 29860
Technical Suport 36380
Logistic 81230
Sale Forces 38600
Energy and Utilities 47780

ENTERPRISE

PROJECTS

< 25
9%

26 - 49
25%

50 - 99
21%

100 - 249
18%

250 - 499
9%

500 - 999
8%

1000 - 1999
6%

>2000
4%

ENTERPRISE
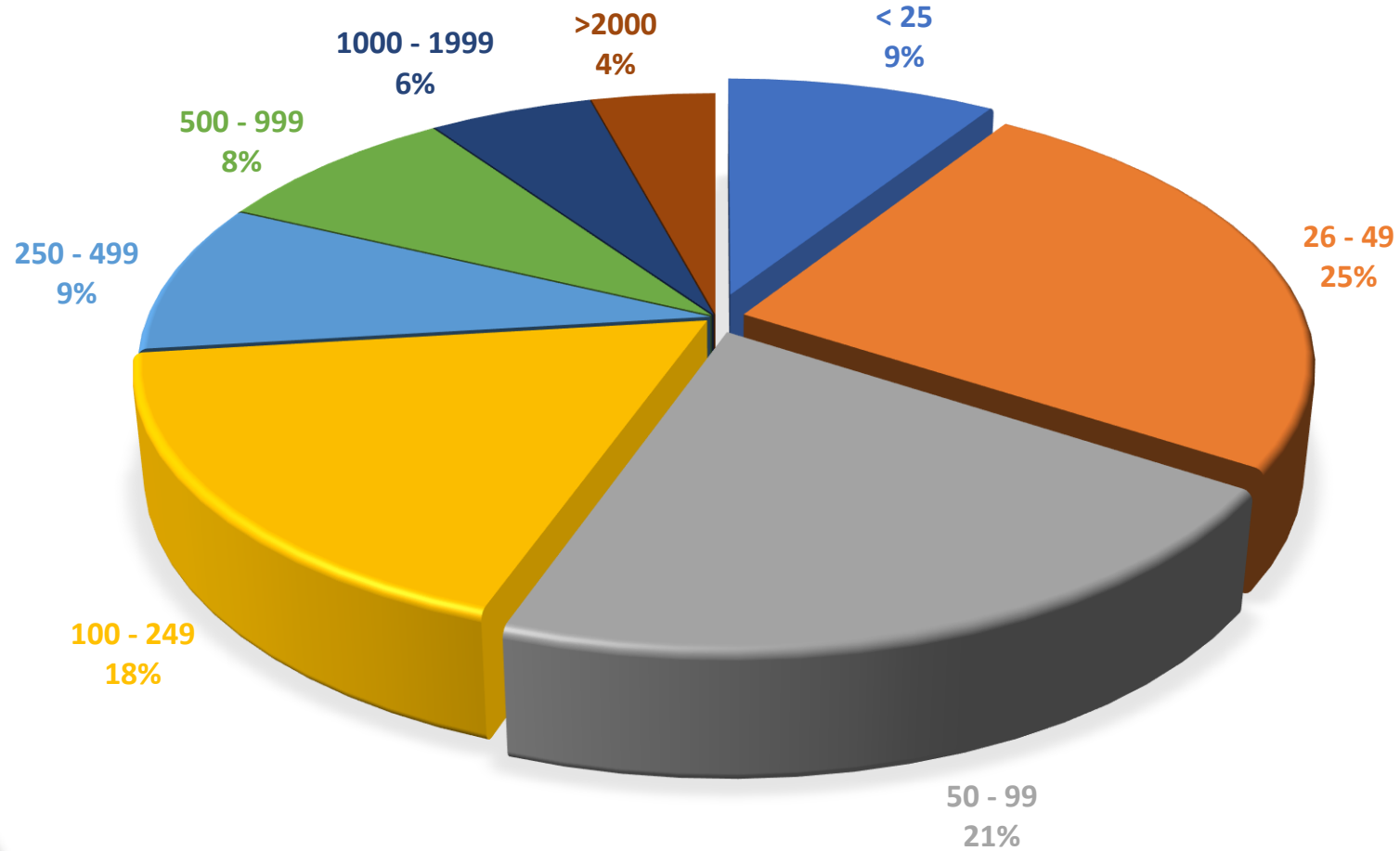
Growth according to number of devices
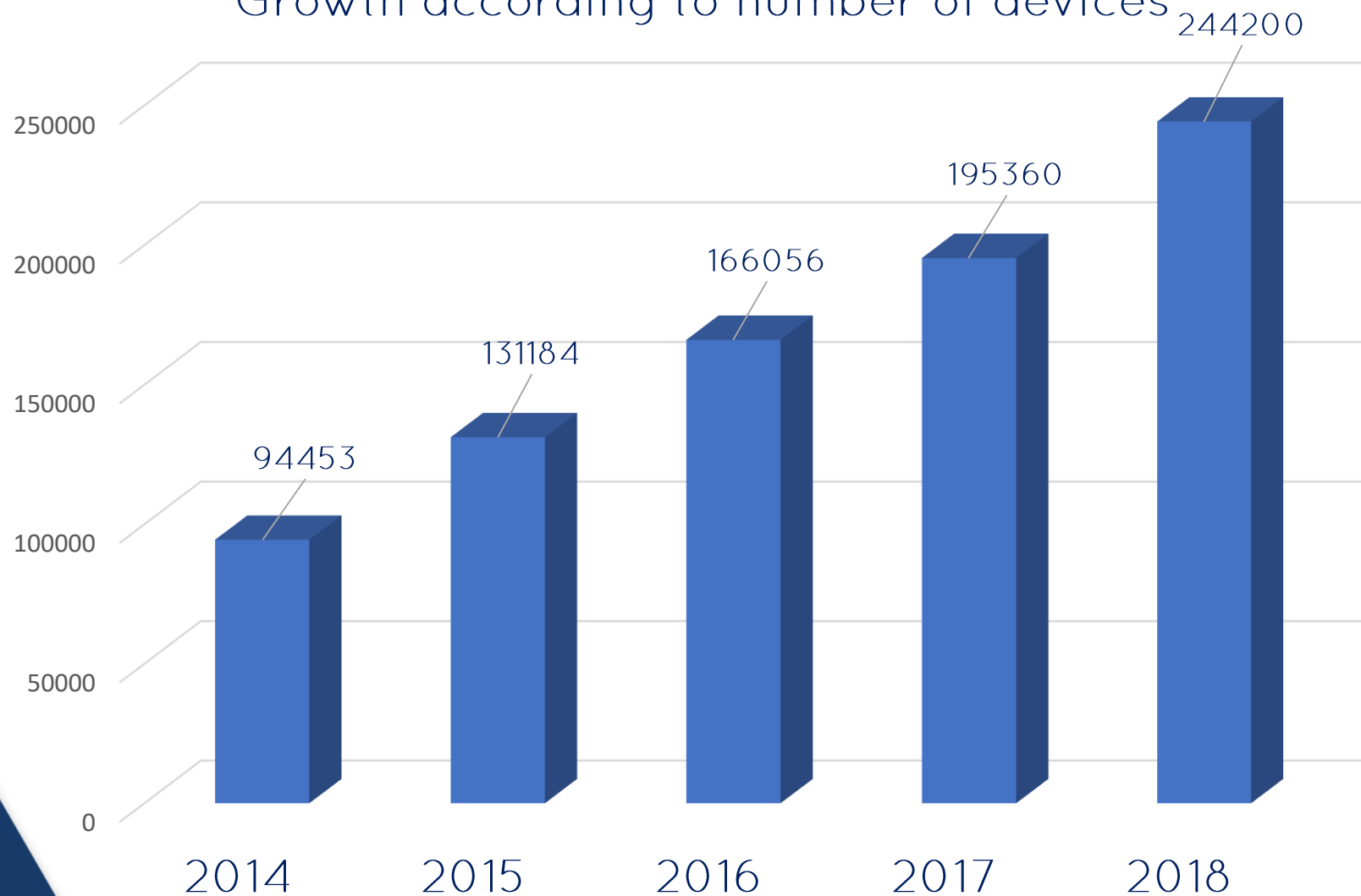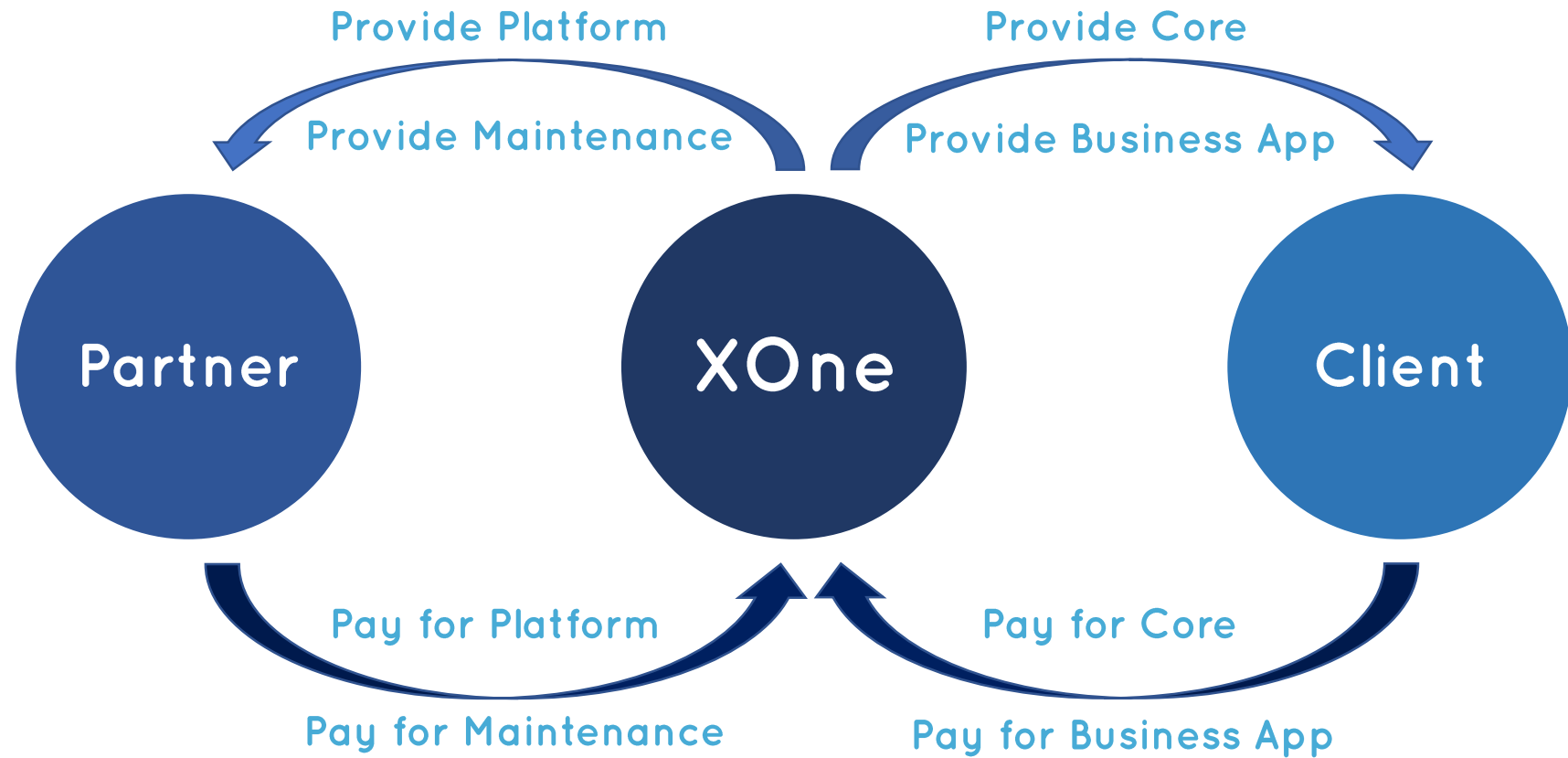
Partner Business Model

Deployment Type: On Premise

Concept	Price
Replica License	3 € /month

ENTERPRISE

Partner Business Model

Deployment Type: In Cloud

Concept	Price
Replica License	3 € /month

Resources
Storage
Traffic
Automatic scaling
Advanced performance

ENTERPRISE

Client Business Model

Deployment Type: On Premise

Concept	Price
Replica License	3.6 € /month

Client Business Model

Deployment Type: In Cloud

Concept	Price
Replica License	3.6 € /month

Resources
Storage
Traffic
Automatic scaling
Advanced performance

ENTERPRISE

USE CASES

Client: IBERDROLA

With a history of over 170 years, today they are an international leader committed to low-emission energies: it produces and supplies electricity to more than 100 million people in the countries in which it operates

Project: Technical Assistance Service
Year: 2009

          for Maintenance and Incident Management

The implemented system consists of 2 complementary parts: a central to manage all the mobile devices of the client, and 6 independent systems by regions

Integration with Oracle
> 1,500 devices

Client: SIEMENS GAMESA

Siemens Gamesa is a leading supplier of wind power solutions to customers all over the globe.
A key player and innovative pioneer in the renewable energy sector, they have installed products and technology in more than 90 countries, with a total capacity base over 84 GW and 25,000 employees.

Project: Management of Shipment and Reception of pieces
Year: 2009

for the assembly of wind turbines

It has an agent location system by GPS and cartographic representation, notification management, notifications, generated documentation and reallocation of tasks

Integration with SAP R/3 and Oracle
>1,000 devices

USE CASE

Client: NAVANTIA

≈Navantia

Spanish state-owned company reference in the design and construction of high technology military and civilian vessels
Navantia is a highly technological company that invests more than 9**%** of the annual income in R & D + I, well ahead of other industrial sectors average.

Project: Technical Assistance Service
Year: 2015

Mobility app managed by the Technical Service of the client in charge of boats manufacture at the Spanish shipyards of Cádiz, Cartagena and Ferrol.

Integration with SAP R3
>500 devices

Client: LINEA DIRECTA

They are currently the market leader in our country in the sale of direct car, motorbike, home and company fleet insurance. Since they started out in 1995, their philosophy has always been to offer an excellent service with the best prices in the market. They are proud of, up to date, more than 2,2 million of customers trust their car, motorbike or home in Linea Directa.

Project: Technical Assistance Service
Year: 2009
for Maintenance and Incident Management

Vehicle survey

Integration with Lotus Notes
> 1,000 devices

Client: ISTOBAL

With a history of over 170 years, today they are an international leader committed to low-emission energies: it produces and supplies electricity to more than 100 million people in the countries in which it operates.

Project: Technical   Assistance   Service
Year: 2009
          for Maintenance and Incident Management

Mobilization of "ISTOSERVICES" and "iSAT"

Integration with Microsoft Dynamics Nav
> 1,000 devices

Over 240,000 devices working currently under XOne technology

LIMITS DON'T EXIST WITH XONE

THANKS

by XOne