CONTEÚDO DINÂMICO PME DIGITAL

A realidade da Transformação Digital - Estruturas organizacionais, status quo, desafios, KPIs e roadmap de caso de uso

ID	DATA	TIPO DE DOCUMENTO	AUTOR
PMED.049	<DATA>	Informação	PME Digital
KEYWORDS			
Indústria – Geral; Manufatura / Materiais; Transformação Digital – Geral;			
LINK			
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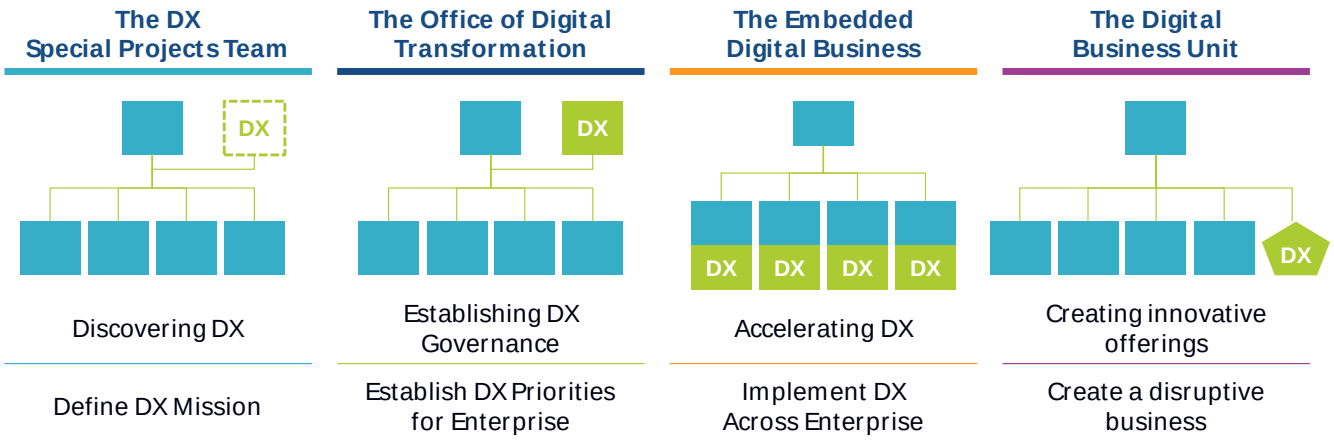
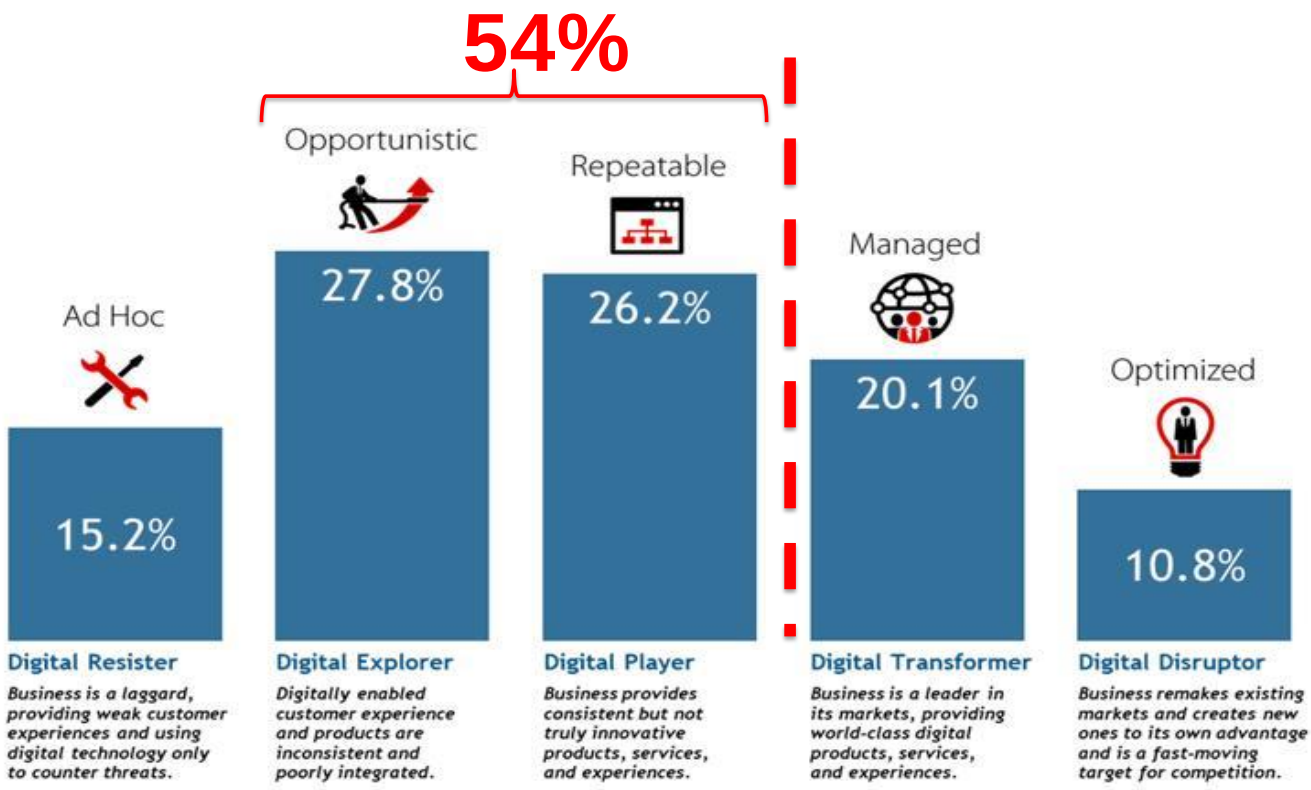
Estruturas Organizacionais de suporte à Transformação Digital - Europa



2% No coordinated DX approach

Source: Digital Transformation (DX) Executive Sentiment – Survey 2018, IDC, May, 2018; WE Manufacturing N=61

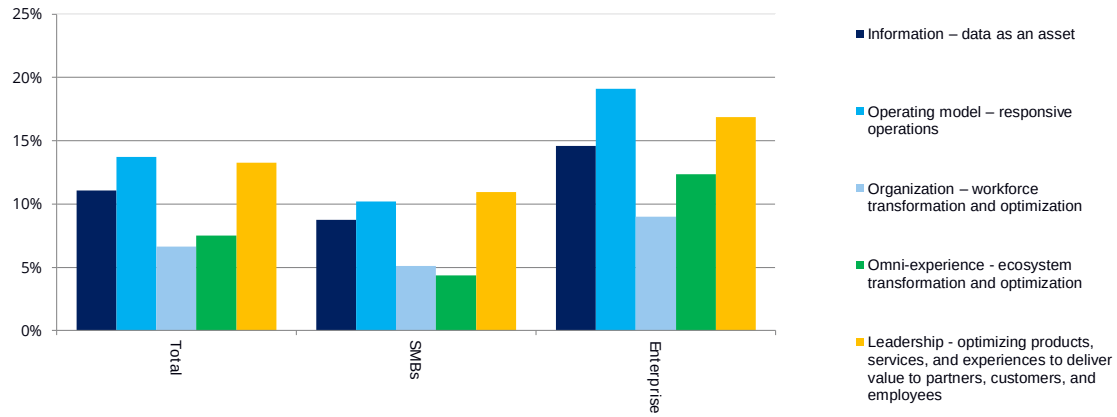
Muitos fabricantes europeus estão num impasse de Transformação Digital



Source: IDC, IDC MaturityScape Benchmark: Digital Transformation in Manufacturing Worldwide, 2017, #US42382918

As PME lutam para incorporar a Transformação Digital em toda a organização. A transformação da moni-experiência é especialmente desafiadora

Q. In which of the following areas are you engaging/will you engage in Digital Transformation pilots/projects in the next 12 months?



Source: European Vertical Markets Survey 2017, Manufacturing N = 226

A integração digital assume várias formas

The Sidecar

33%

We have two separate technology environments (one for the core IT platform and another for the digital innovation) which are connected by leveraging APIs

The Standalone Platform

26%

We have an external facing digital platform serving a network of connected customers, partners and suppliers that use (and pay for) the information and services provided through the platform

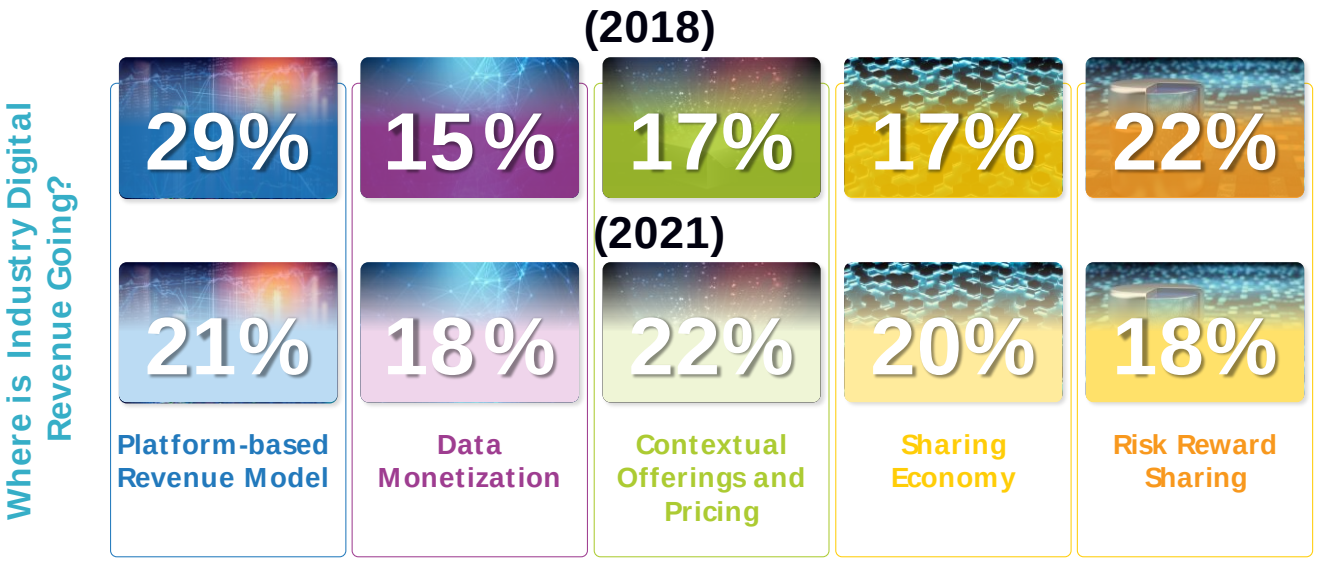
The DX Platform

17%

We have a fully integrated enterprise-wide technology architecture enabling digital products, services, and experiences; while modernizing and integrating the internal IT environment.

IDC Global DX Leaders Survey. EOVC European sample, n = 25. May, 2018

Existem muitos modelos para alocar receita digital, e nenhum vai ganhar



A jornada de Transformação Digital deve tirar partido de use cases de indústria

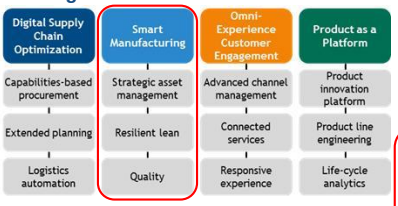
Strategic Priority
What an organization expects to accomplish over extended period of time to achieve the mission

Programs
A long term plan of action to achieve the strategic priorities

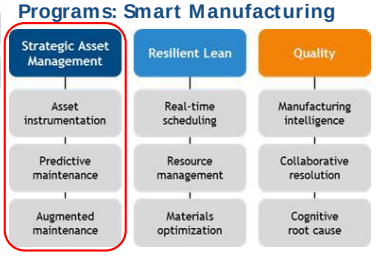
IDC Use Cases
Discrete funded projects that support a business goal. Includes technology.

150+ IN MANUFACTURING INDUSTRY

Strategic Priorities



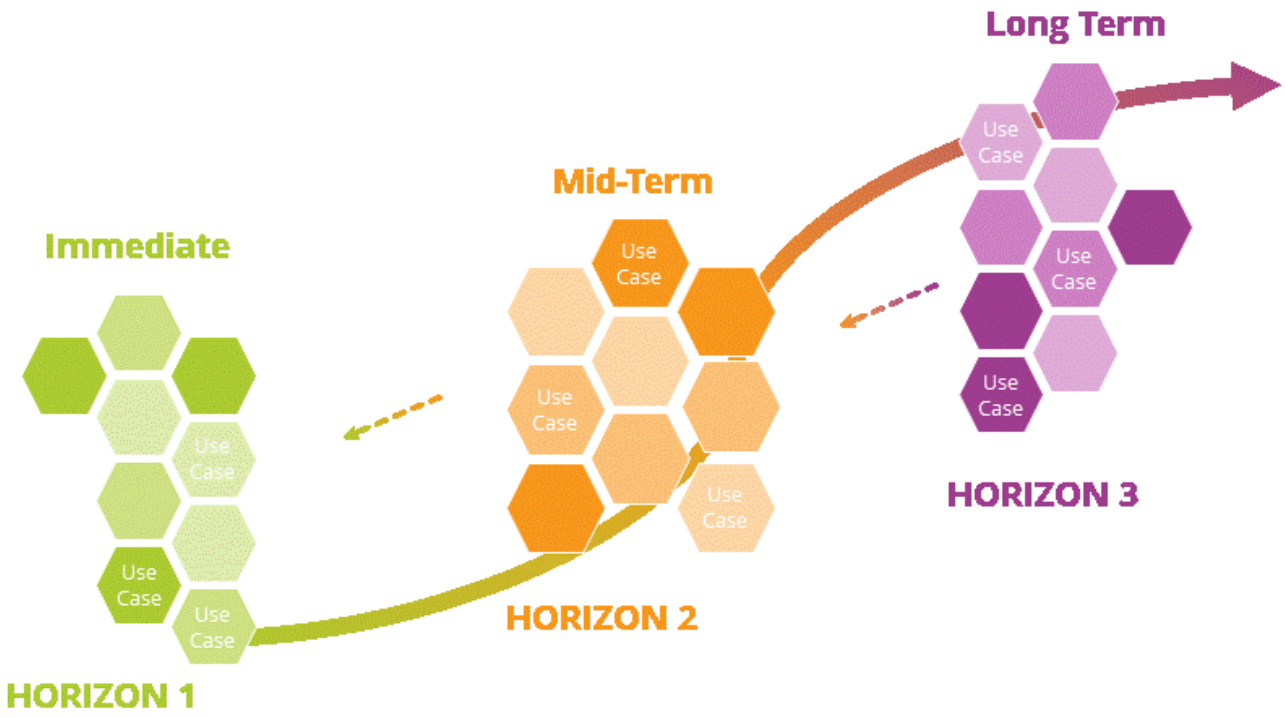
Programs: Smart Manufacturing



Use Cases: Strategic Asset Management

Use Case	Current Situation	Goals and Objectives	Technology Deployed	Use Case Summary
Asset instrumentation	Some factory assets have condition reporting through sensors, but there is little centralized data management beyond historians.	Higher levels of asset availability results in less factory downtime and lower capital appropriation spending.	IoT, BDA, and advanced networking	Real-time awareness of asset condition through dense deployment of wireless and wired sensors
Predictive maintenance	The most advanced asset management strategies usually involve condition-based monitoring, but there is limited ability to predict failures.	Higher levels of asset availability results in less factory downtime and lower capital appropriation spending. Cost of maintenance delivery will be lower.	Cognitive, IoT, and mobile	Machine learning algorithms that build an accurate predictive model of potential failures
Augmented maintenance	Most assisted maintenance involves documented work instructions, but little is directly integrated into maintenance technician tooling.	The objectives are lower time and cost to repair, longer mean time between failure (MTBF) and higher first-time fix (FTF) rates, and lower factory downtime.	AR/VR, cognitive, IoT, and mobile	The use of augmented and virtual reality to provide maintenance technicians with relevant information and guided work instructions

Note: The above visuals are only excerpts from the engineering-oriented value chain taxonomy, in this cases focusing on Smart Manufacturing as a strategic priority. Further note that only one use case example per value chain is displayed.



Source: IDC

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