



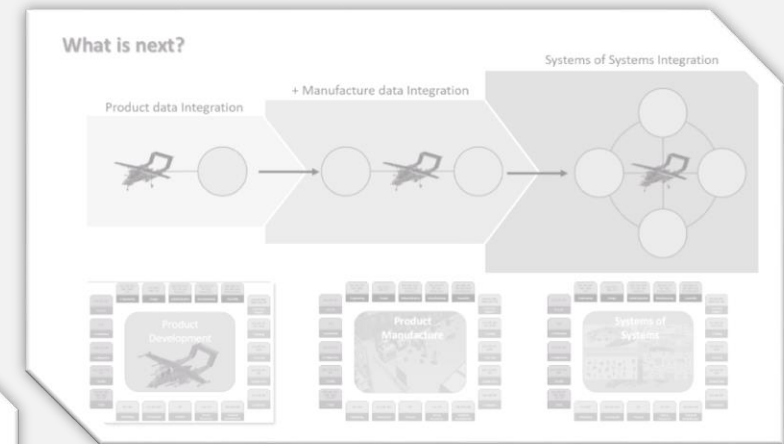
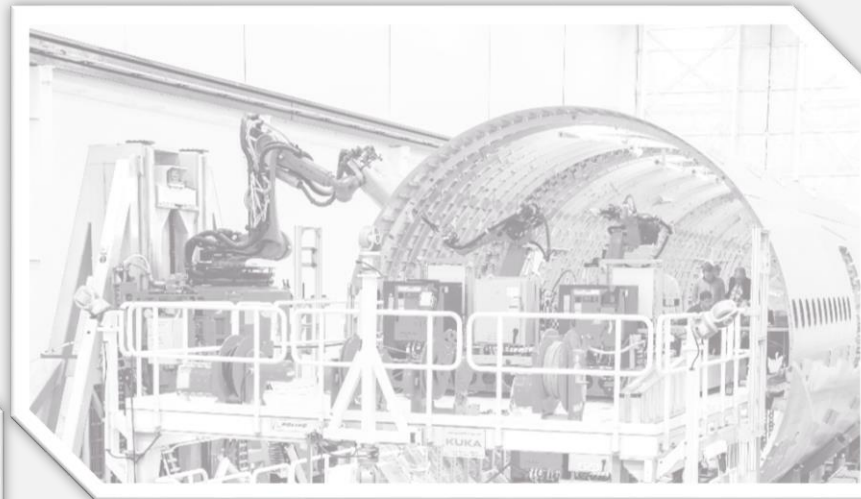
Akaer – Digital Experience

March 2023

Agenda

Next steps

Akaer digital transformation



Akaer



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Akaer – A Technology Solutions Company

More than **30 years of experience** in high technology solutions to global market

Global business footprint and reliance from major OEMs built in more than a hundred of successful programs.

Complete development cycle domain, from conceptual design to manufacturing and certification.

Technical and managerial expertise to deliver tailored solutions.

Exceptional team of experts with knowledge and experience to perform programs with quality, flexibility and competitively.

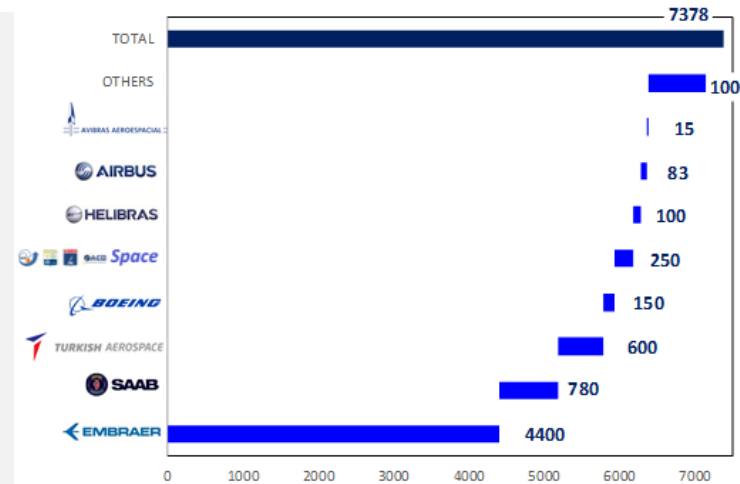


Akaer – Main Figures

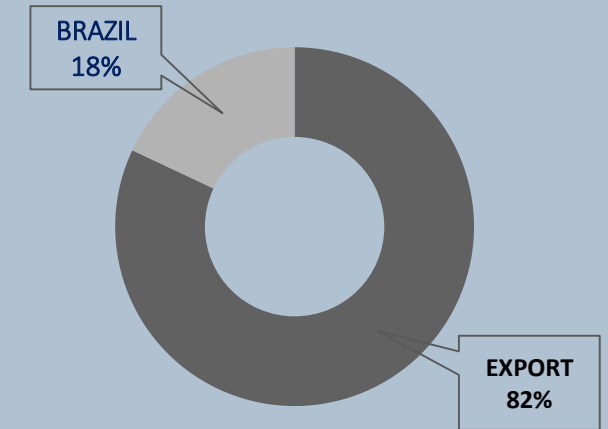
Employees / Skills

612 /
> 66% BSc +

Hours in AS&D



Income Share



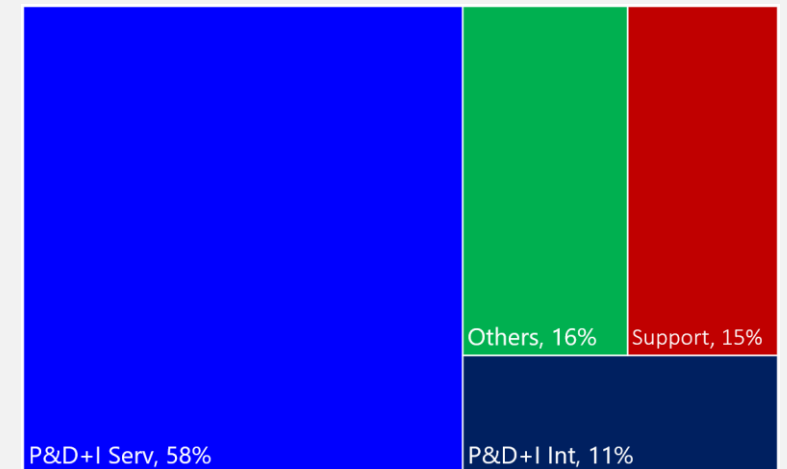
Acquisitions and Investments during last 5 years

> 110
MBRL

Aeronautic Programs 10 years

10/5
Program Certified / in Certification

Profile of Activities



Akaer – The most innovative midsize enterprise in Brazil

Awarded by National Confederation of Industries in the last two consecutive editions

- Top 1 - Product Innovation
- Top 1 - Organizational Innovation
- Top 1 - Process Innovation



Product & Organizational Innovation 2018 Edition

Process Innovation 2021 Edition



Headquarter

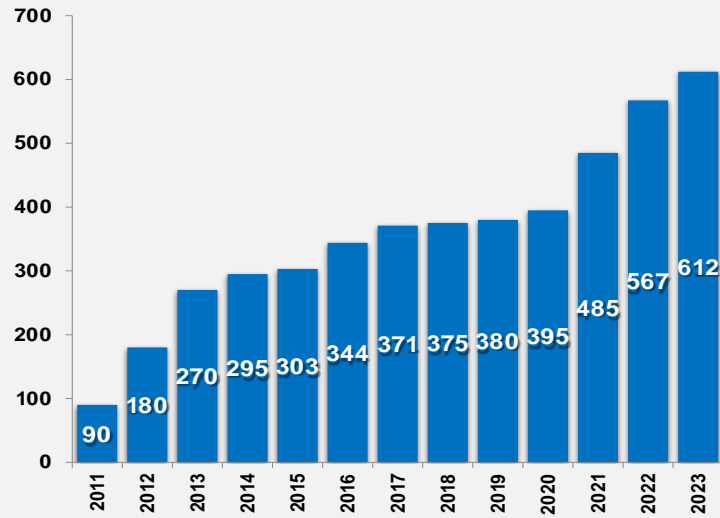


Own facilities
1,030,000 sqft



Akaer – Continuous Development: Products, Capabilities & Markets

Employees



	1992 - 2006	2007 - 2008	2009 - 2010	2011 - 2012	2013 - 2014	2015 - 2016	2017 - 2018	2019 - 2020	2021 - 2022
Aeronautics	EMB-120 Brasilia	Phenom 100/300	Gripen E	EC-725M	Legacy 450/500	E195-E2	P&W E2 engines	Gripen F	Calidus B-250
	ERJ135/140/145	Super Tucano	E195 Presidential	Panther	Fennec	Super Tucano EUA	AKAER Mosquito	TAI Hurjet	TAI ASOJ
	EMB-312 Tucano	A-400M	AMX A-1 Mod	AEW&C India	E190-E2	KC-390 Millennium	FAB P3-Orion	ALFA concept	TAI HURKUS
	Embraer E170/175	B-747-8	EMB-110/111 Mod		Skyhawk A-4		UAV Concept		Target Drone
	Embraer E190/ E195	A-380	ERJ AEW&C						LRMPA Concept
Space	Launch Center	Proximity Fuse	MUX	WFI	CBERS 3	Amazônia 1	LATTES 1	3UCAM	MUX-CBERS 4
	Defense	Weather Radar ¹	Orbisat Radar	EITMSS	A-Darter	Thermal Monocle	Tupi	Gladiator	Mining Dump

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Integrated Product Development

Engineering

Design

Industrialization

Manufacturing

Assembly

ICT /IS



Customer Support

Certification



Training

Configuration



Tech Pub.

Quality

Supply Chain

Tests

Customers

Marketing

Commercial

Finance

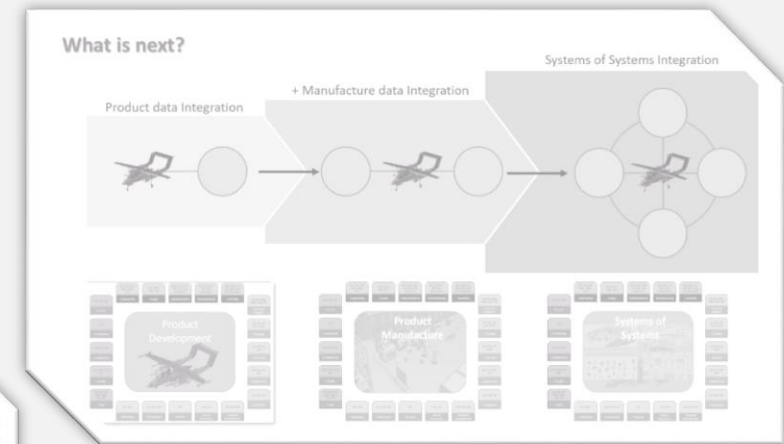
Human Resources

Industrial Maintenance

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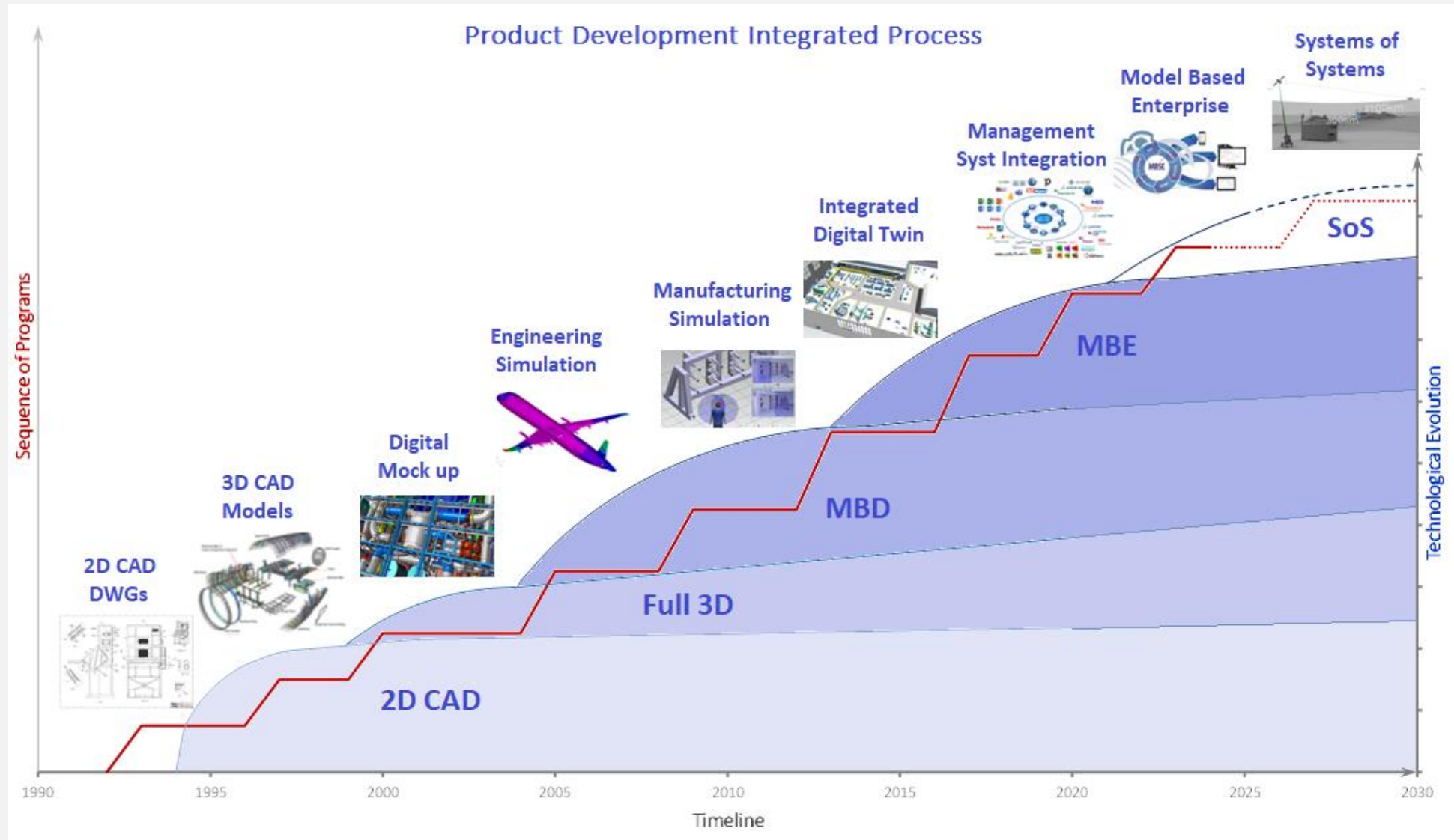


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Akaer – Technological / Complexity Evolution

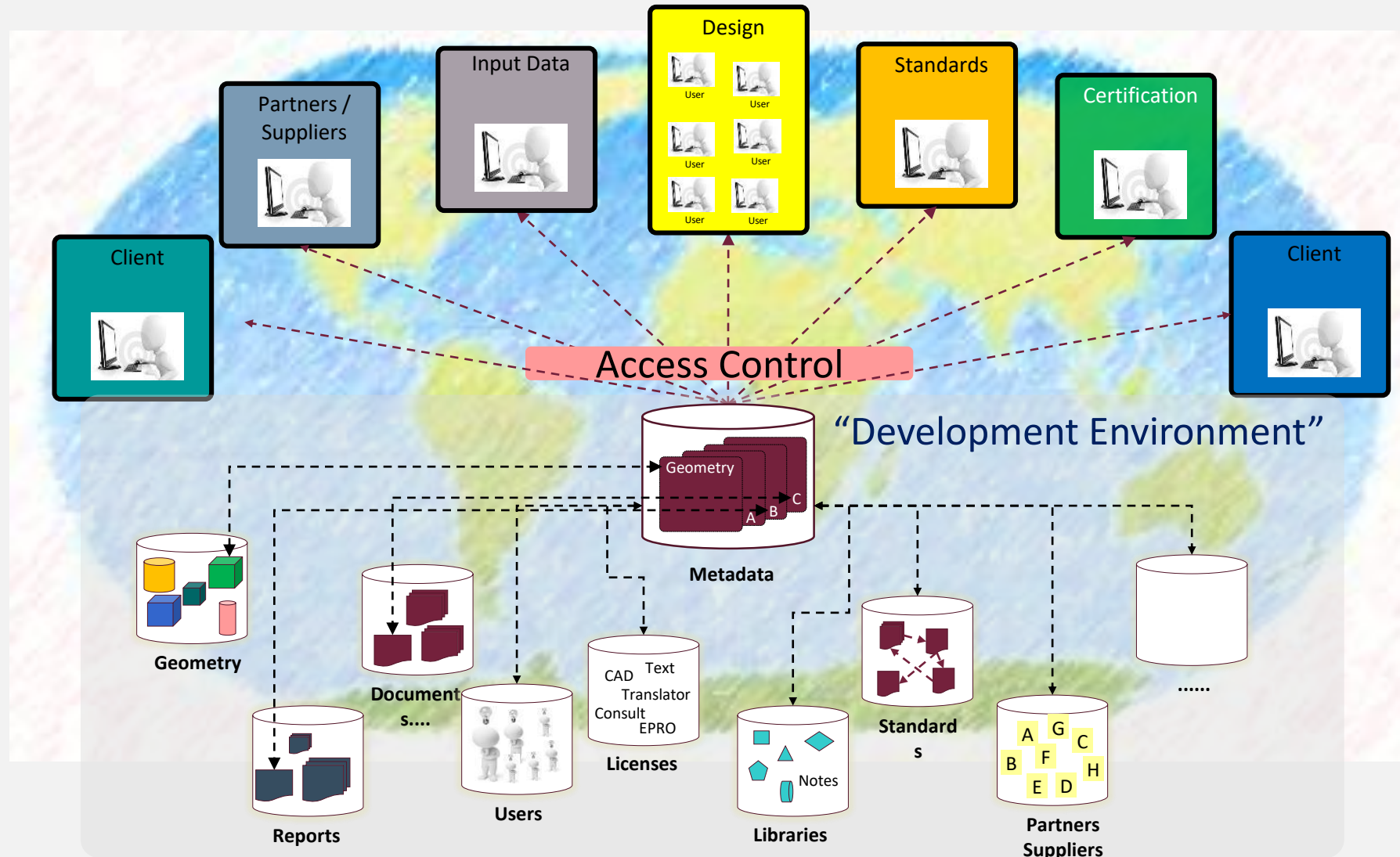


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Akaer – Multi Site Environment

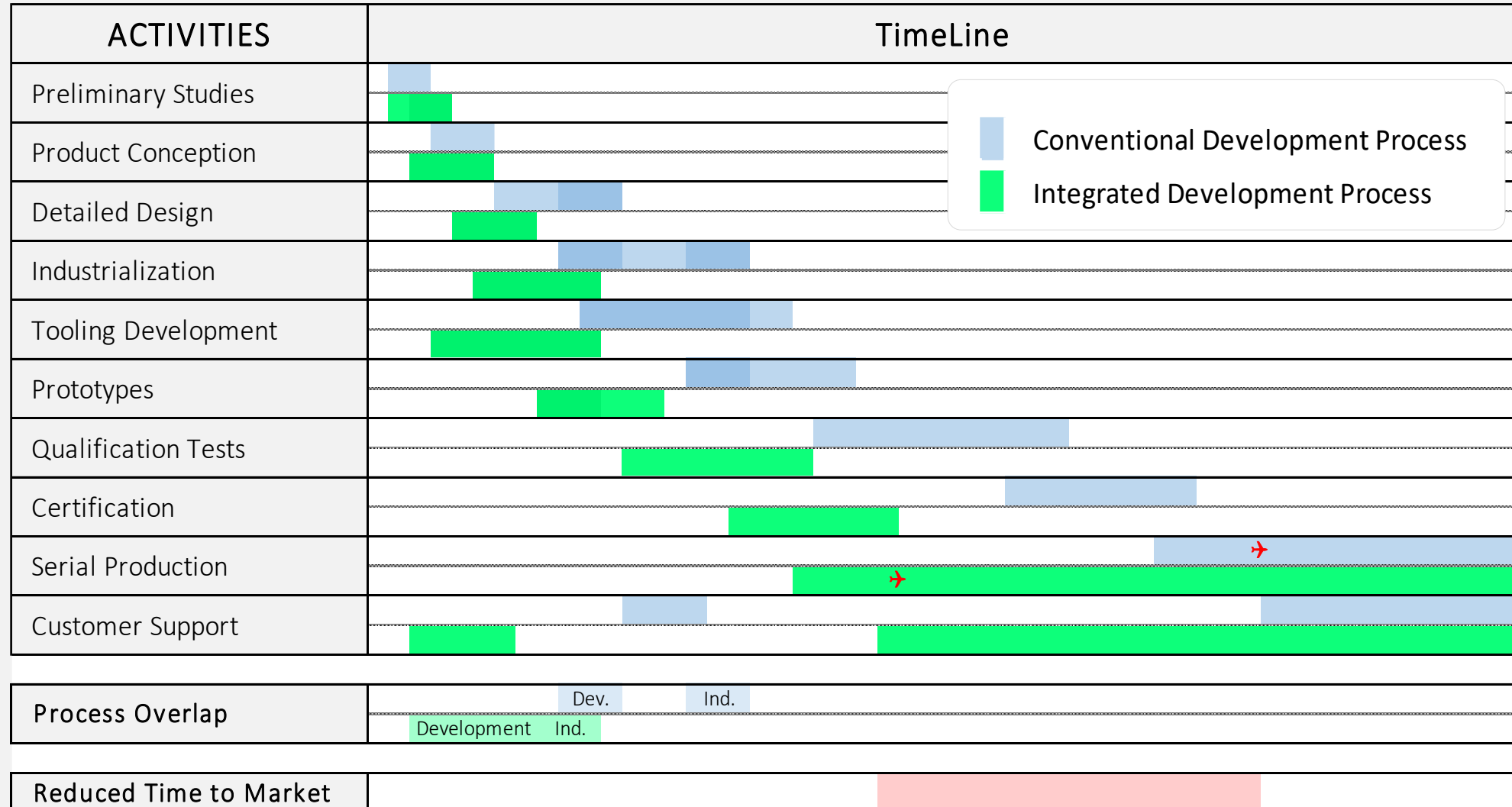


Akaer – Management Systems - Multiplicity & Diversity

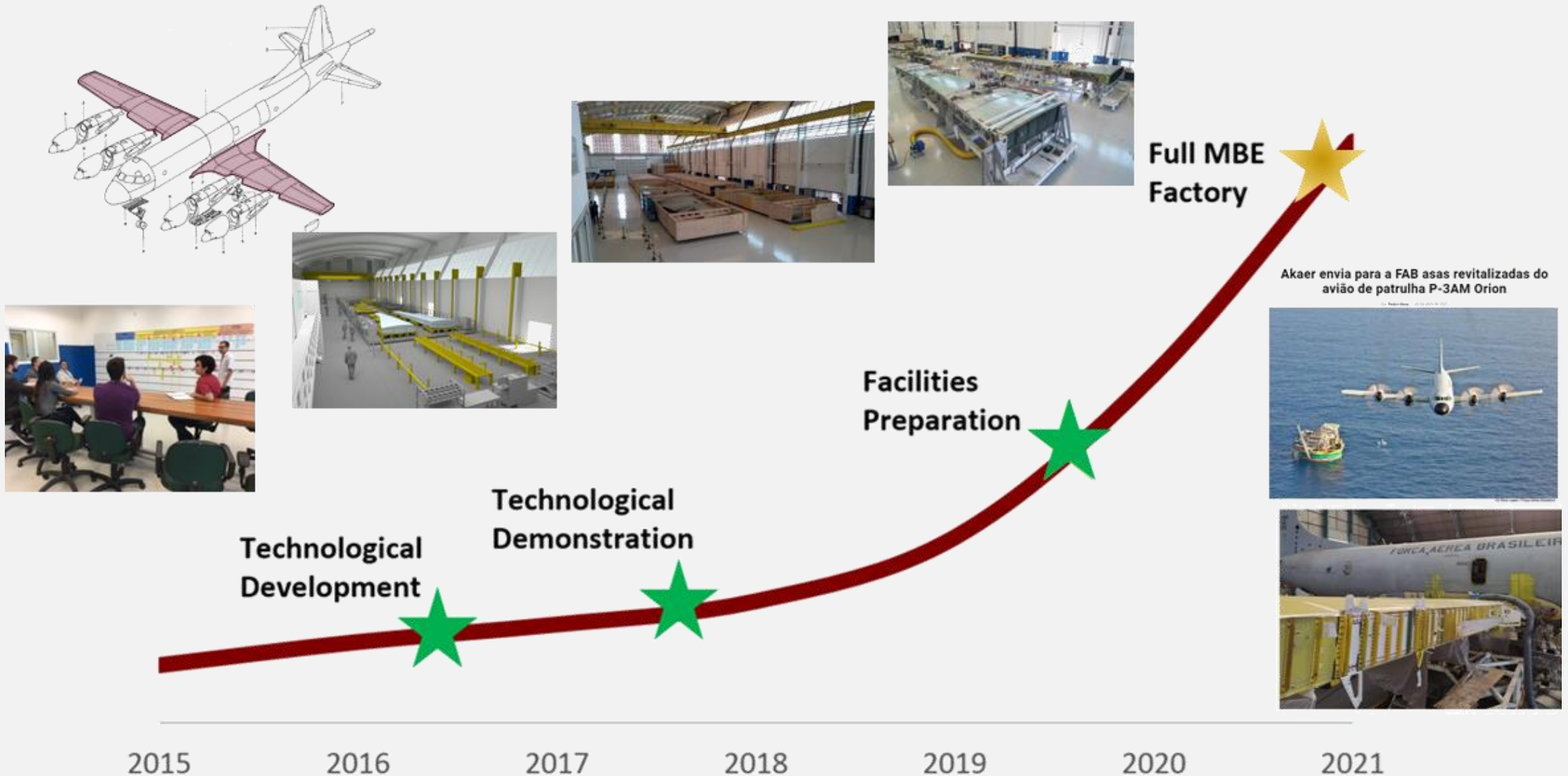


Akaer – Development Cycle Compression

High interdisciplinary and integration of diverse players and systems



Akaer – Transformation Journey

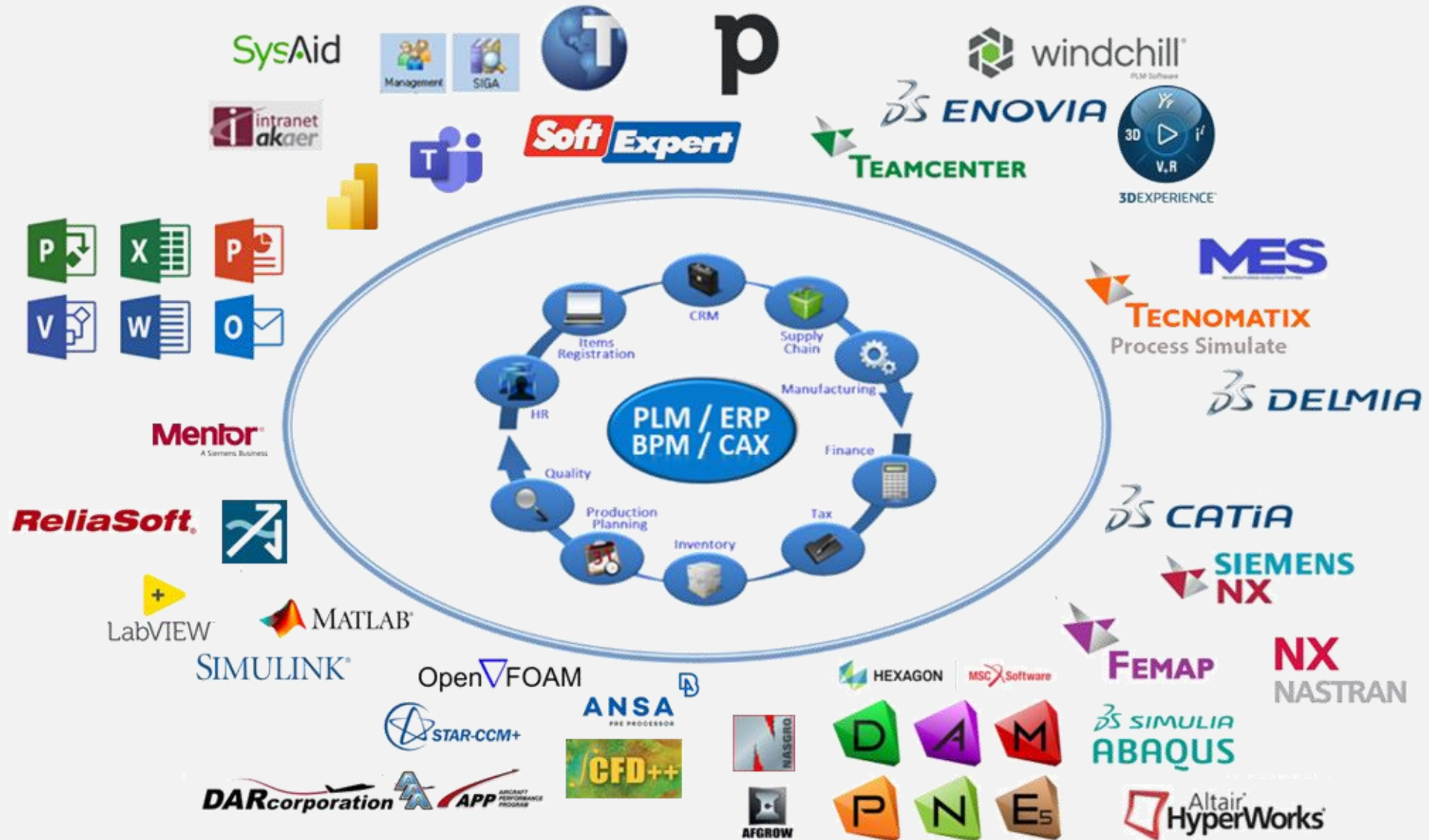


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Akaer – Integrated Systems Environment



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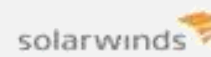


Akaer – Architecture Schematic View

Environments



Application and Services



Security



Infrastructure

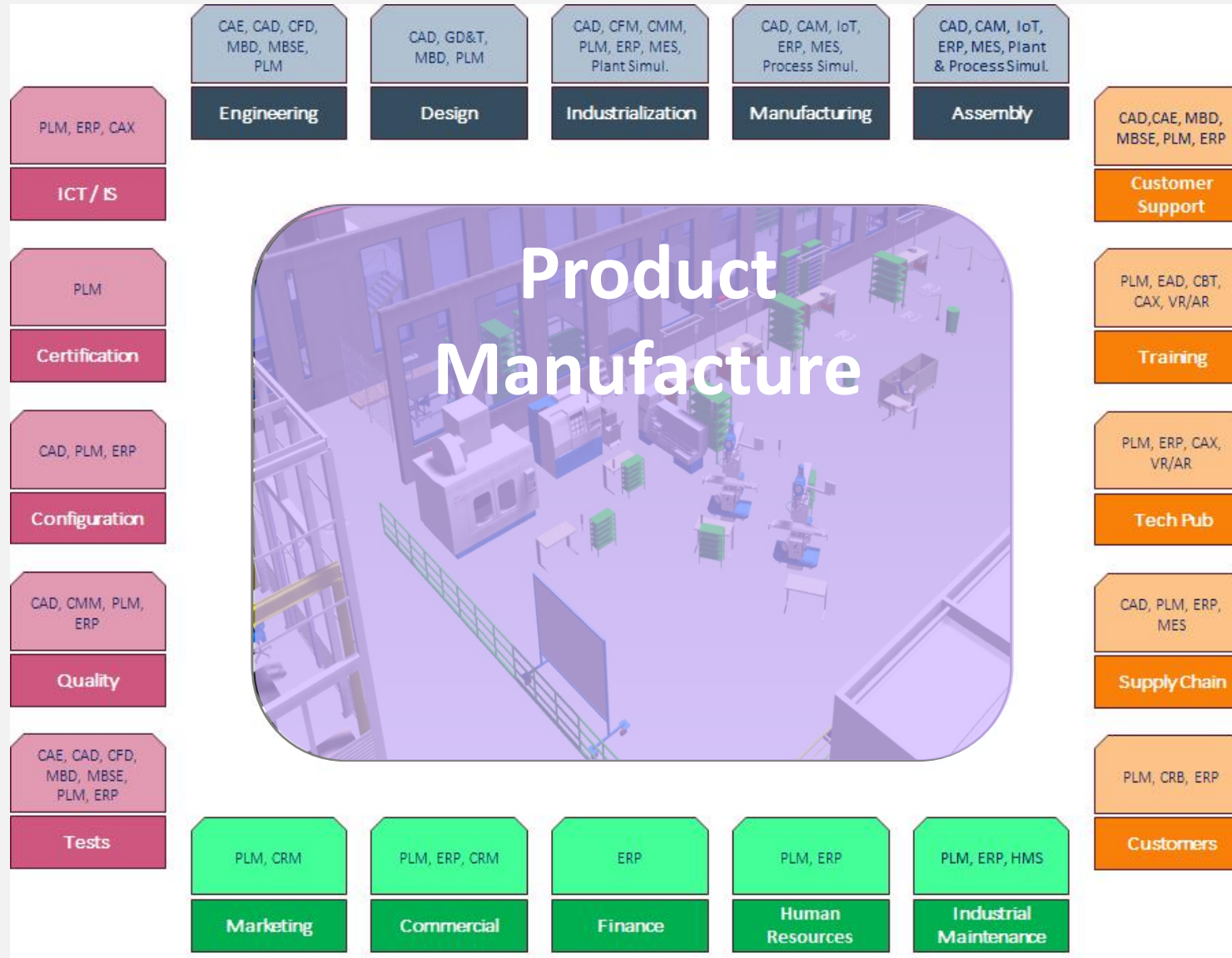


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Akaer – Data Integration / Digital Transformation – Stages

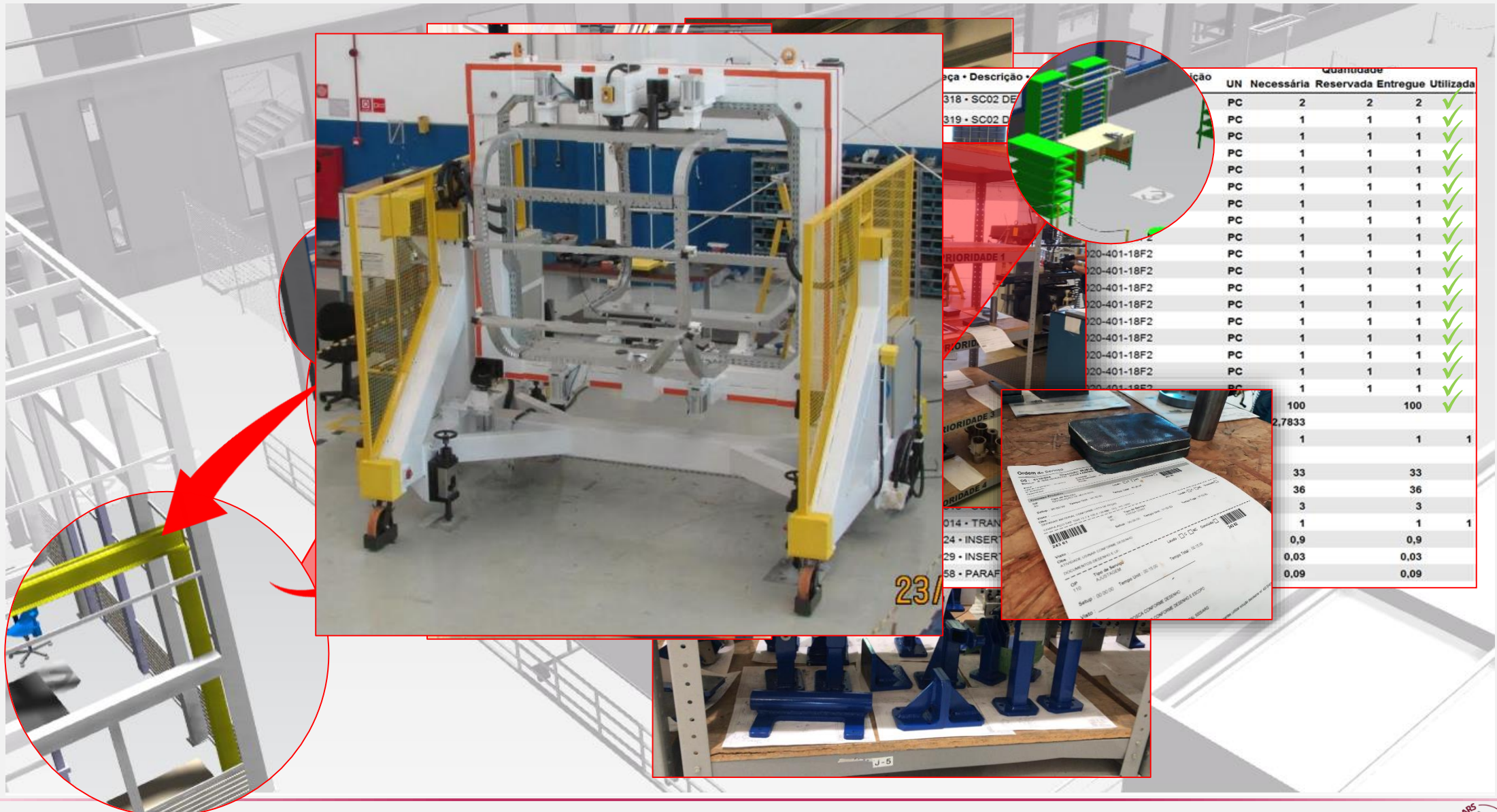


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Akaer – Data Integration / Digital Transformation – Flexible Cells



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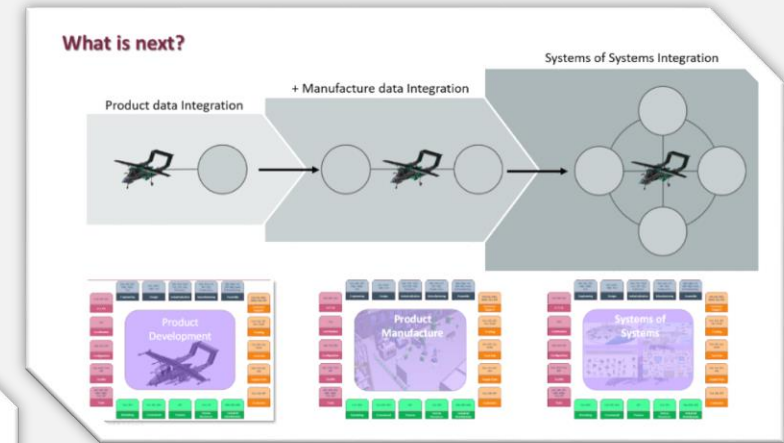
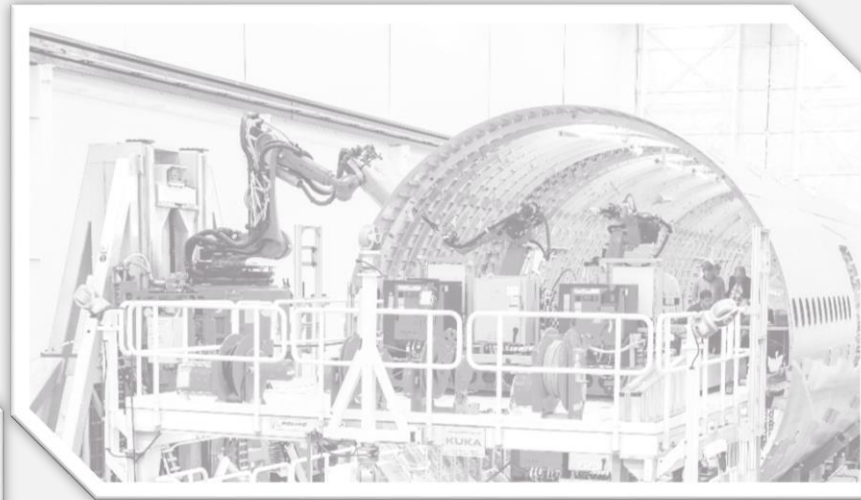
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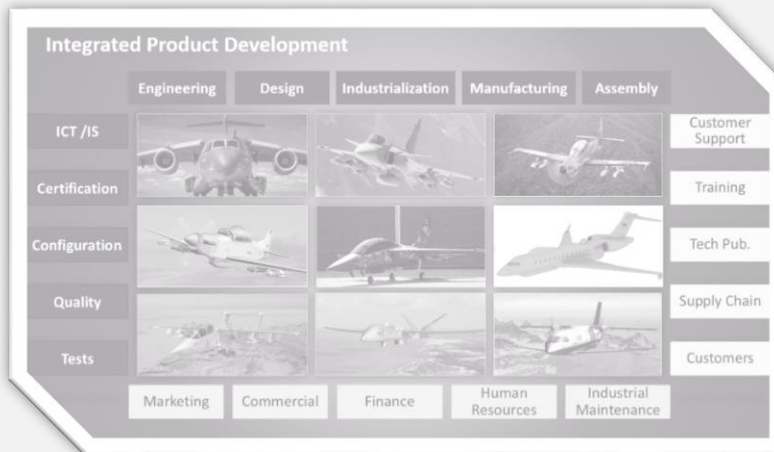
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Next steps

Akaer digital transformation



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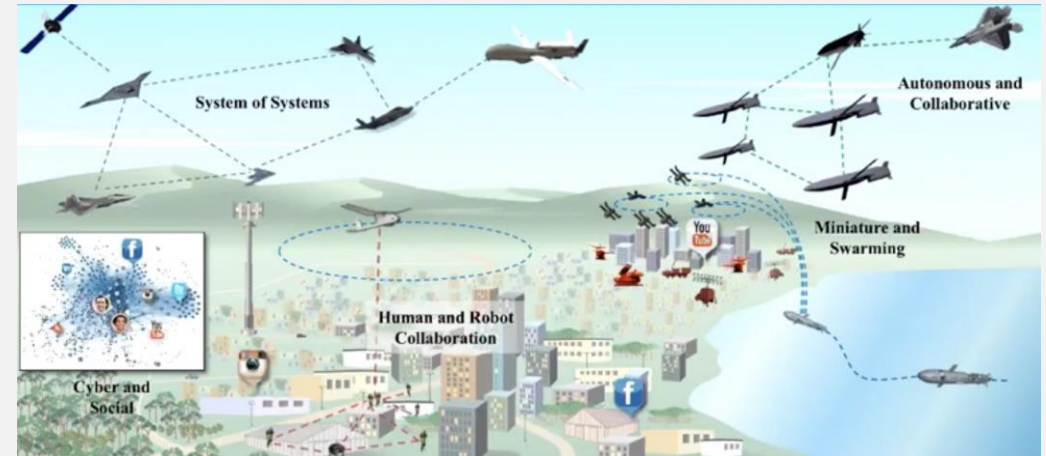


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Akaer – What is next?



Public Security – Cross-Organizational Collaborative

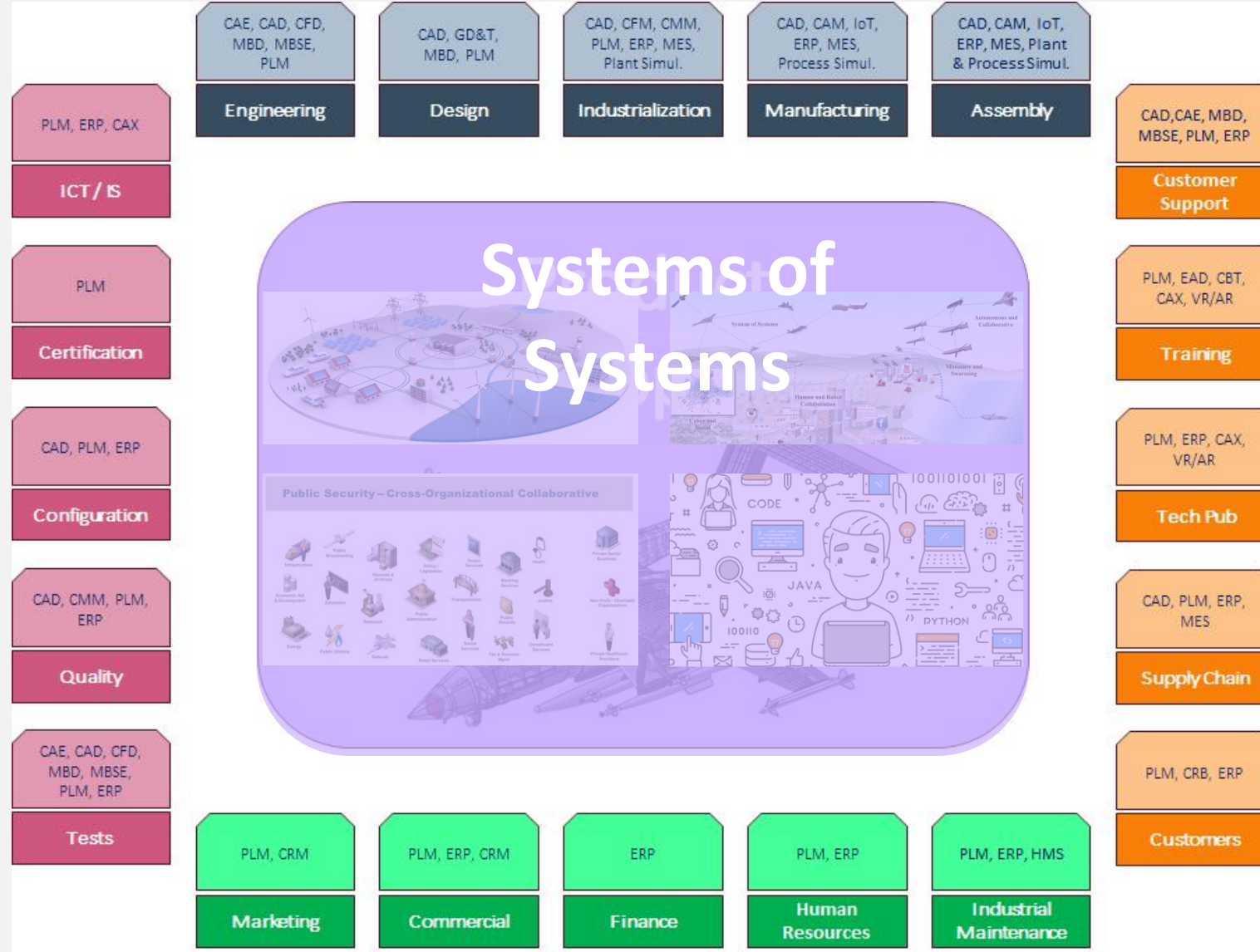


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Akaer – What is next? Systems Integration / Digital Immersion



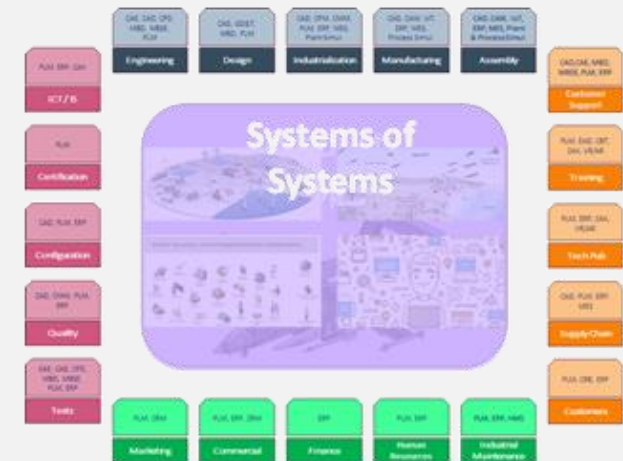
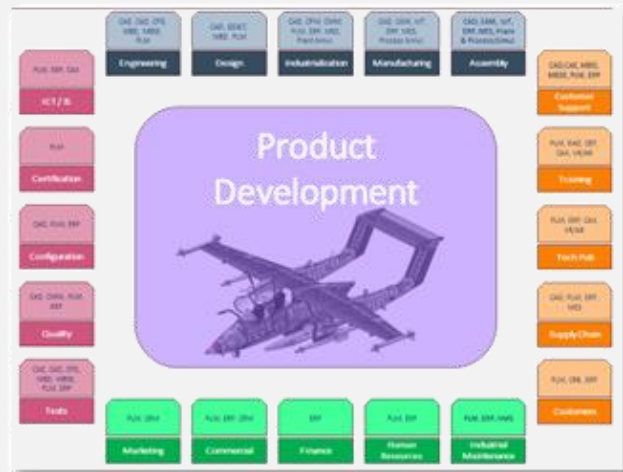
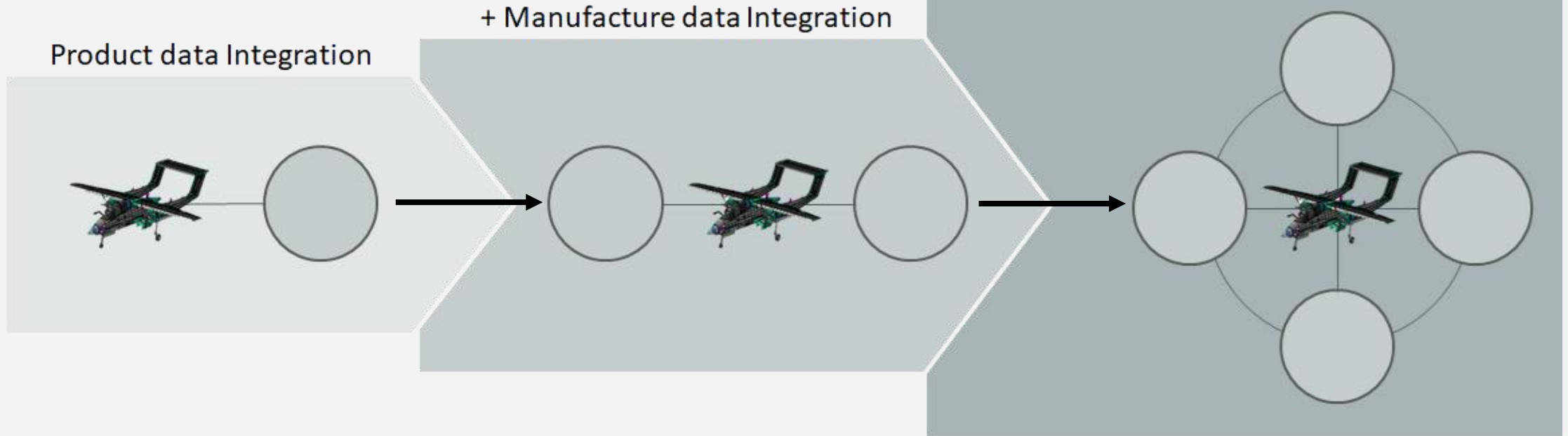
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Akaer – What is next?

Systems of Systems Integration



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