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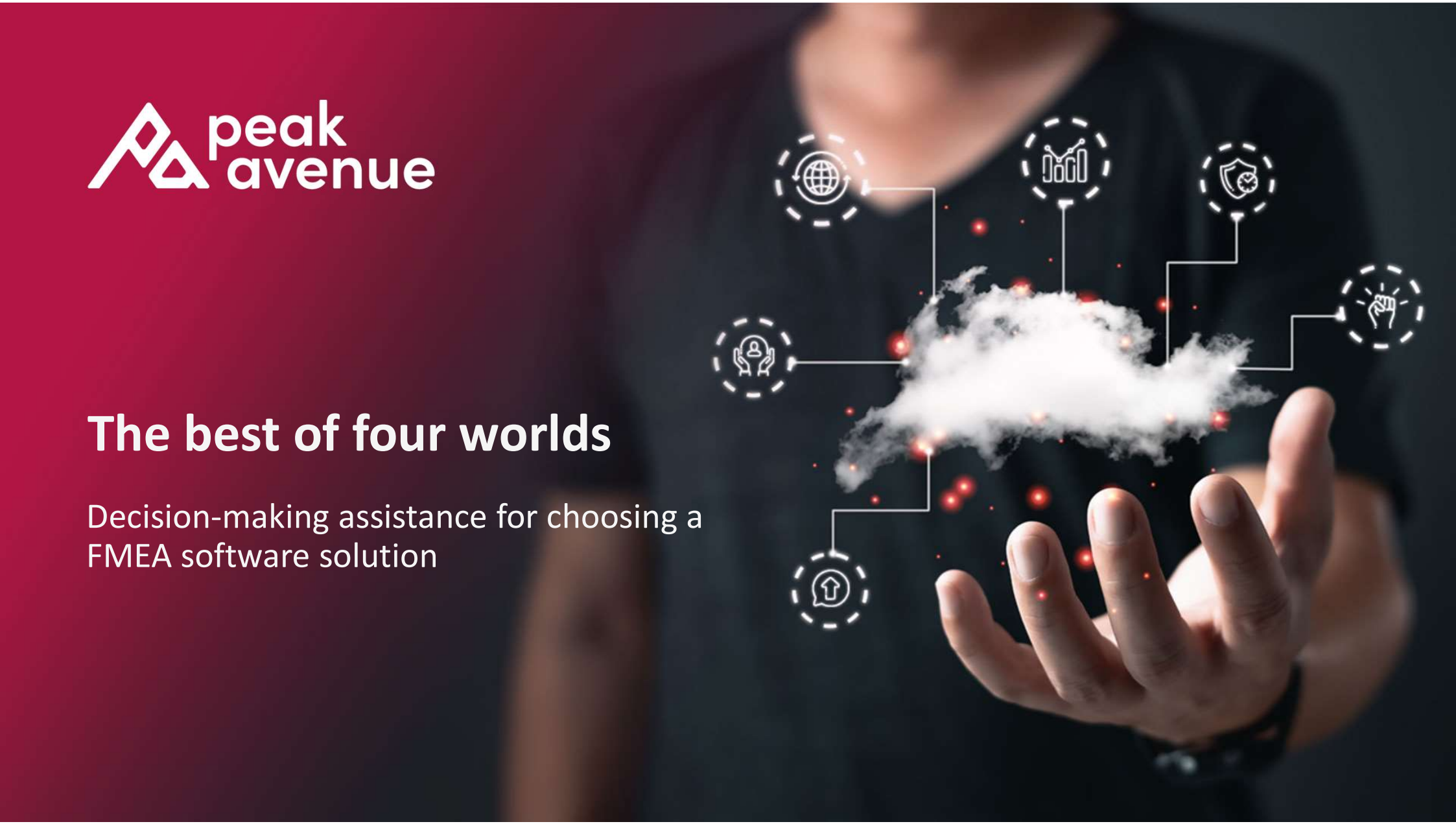
The best of four worlds

Decision-making assistance for choosing a FMEA software solution



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Recommendation depending on the application scenario

Use case / Strength	Industry	First choice
Standard compliant DFMEA and PFMEA for complex systems	OEM and suppliers	IQ FMEA
Collaborative product engineering, Engineering 4.0	System and Part supplier	e1ns FMEA
eQMS integration, Focus on PFMEA	Manufacturing SMEs	QC FMEA
Quantitative risk analysis with safety-critical focus	OEM, System supplier	RWB

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Summary – target group: Management

Criteria	IQ FMEA	e1ns FMEA	QC FMEA	Reliability Work Bench
Methodological depth / strength	Powerful modelling in graphical nets	System modelling by graphical architecture	PFMEA with strong connection to the shop floor	Modelling of safety-critical error states
User interface	Classic, visual, intuitive logic	Modern, visual, team oriented	Traditional, integrated in eQMS environment	English UI, technical focus
Integration	Open programmable interfaces and script functions	REST-API for FMEA- Basic data	Open programmable interfaces with focus on eQMS / ERP systems	Effective integration in common IT infrastructure through our own middleware
Collaboration	Restricted (Blocking and Release functionality)	Web based, ideal for cross-functional teams	Restricted (Blocking and Release functionality)	Restricted (Blocking and Release functionality)
Technical configuration	Local desktop or Client server installation	Webserver or cloud platform	Client server installation	Local desktop or Client server installation

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Supported FMEA types and supplying / affected methods

FMEA type / Methodology	IQ FMEA	e1ns FMEA	QC FMEA	Reliability Work Bench
7 Steps of FMEA according to AIAG/VDA, 2019	YES	YES	YES	(restricted functionality)
Add-Ons				
• System model, block diagram	YES	YES	NO	YES
• FMEA-MSR	YES	YES	NO	NO
• P-diagram	YES	YES	NO	NO
• Process flow diagram	YES	YES	YES	NO
• Control plan, Inspection plan	YES	YES	YES	NO
• Inspection data acquisition	NO	NO	YES	NO
• Complaints management	(restricted functionality)	(restricted functionality)	YES	NO
• Integration of CAD models	(restricted functionality)	NO	YES	NO
• Ishikawa diagram	NO	NO	YES	NO
• FMEDA (ISO 26262)	YES	YES	NO	YES
• FMECA	YES	NO	NO	YES
• FTA	YES	(restricted functionality)	NO	YES

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Questions?

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