

Efficient Engineering is when a PLAN becomes EPLAN.

**EPLAN's eco system of industrial automation:
boost your efficiency with digital collaboration and cloud solutions**




PROCESS CONSULTING

ENGINEERING SOFTWARE

IMPLEMENTATION

GLOBAL SUPPORT

A photograph of a modern industrial factory floor. In the foreground, a large orange robotic arm is mounted on a white circular base. In the background, several other robotic arms are visible, some in yellow and some in orange, working on a production line. The factory has a high ceiling with exposed steel beams and industrial lighting. The overall scene is dimly lit, with a blue and purple color cast.

EPLAN at a glance

Friedhelm Loh Group – Figures & Facts

FRIEDHELM
LOH
GROUP



2.6 billion
Euro revenue

94
Subsidiaries worldwide

12
Manufacturing plants worldwide

11.600
Employees worldwide

EPLAN – Figures & Facts

FRIEDHELM
LOH
GROUP



1.140
Employees worldwide

50
Locations worldwide

61.000
Customers

209.000
Licences

The EPLAN Platform

Best-in-class electrical & fluid engineering on a common data model

EPLAN Cloud



Mechanical Engineering



Automated Engineering



EPLAN Preplanning



EPLAN Fluid



EPLAN Electric P8



EPLAN Pro Panel



EPLAN Harness proD



Software Engineering

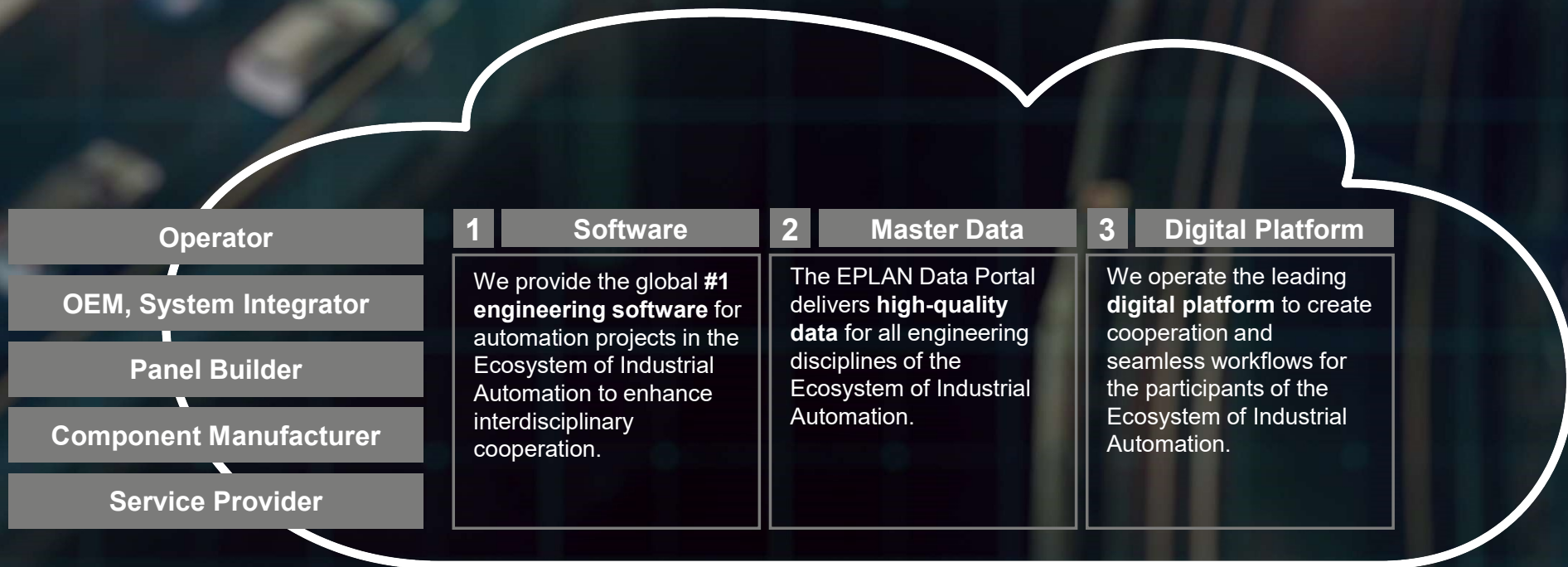


ERP/PDM



Creating a digital ecosystem for industrial automation

The Digital Platform is the hub for all participants of the Ecosystem of Industrial Automation



Your benefit: Efficient engineering in a digitally connected world.

EPLAN Partner Network

Integrated solutions and consistent data along the value chain

STRATEGIC PARTNER

RITTAL
INSPIRING INNOVATIONS

PHENIX CONTACT
INSPIRING INNOVATIONS

Rockwell Automation

TECHNOLOGY PARTNER

Product Configuration	CPQ	PLM/ERP	PLC	Simulation	DOC
<p>Endress+Hauser EH</p> <p>rexroth A Bosch Company</p> <p>FESTO</p> <p>PILZ THE SPIRIT OF SAFETY</p>	<p>Configit</p> <p>SAE</p> <p>encoway standard for variety</p>	<p>CONTACT Software</p> <p>GAIN COLLABORATION</p> <p>PRO.FILE</p> <p>keytech Wissen statt suchen</p> <p>150 THE WORLD OF CHOICE-FREE SOLUTIONS</p>	<p>MITSUBISHI ELECTRIC</p> <p>ABB</p> <p>UDMTEK United Digital Manufacturing Technology</p> <p>868</p>	<p>Simulation</p> <p>machineering THE TIMESAVER COMPANY</p>	<p>Quanos Service Solutions</p>

EPLAN in external programs

Product Configuration	PLM/ERP
<p>Technology Partner</p> <p>Schneider Electric</p>	<p>SAP Platinum Partner</p> <p>AUTODESK Platinum Partner</p> <p>CIDEON</p> <p>SIEMENS</p> <p>PTC Partner Advantage</p> <p>DASSAULT SYSTEMES</p>



Simplified. Done.

It's in your hands!

**EPLAN's eco system of industrial automation:
boost your efficiency with digital collaboration and cloud solutions**



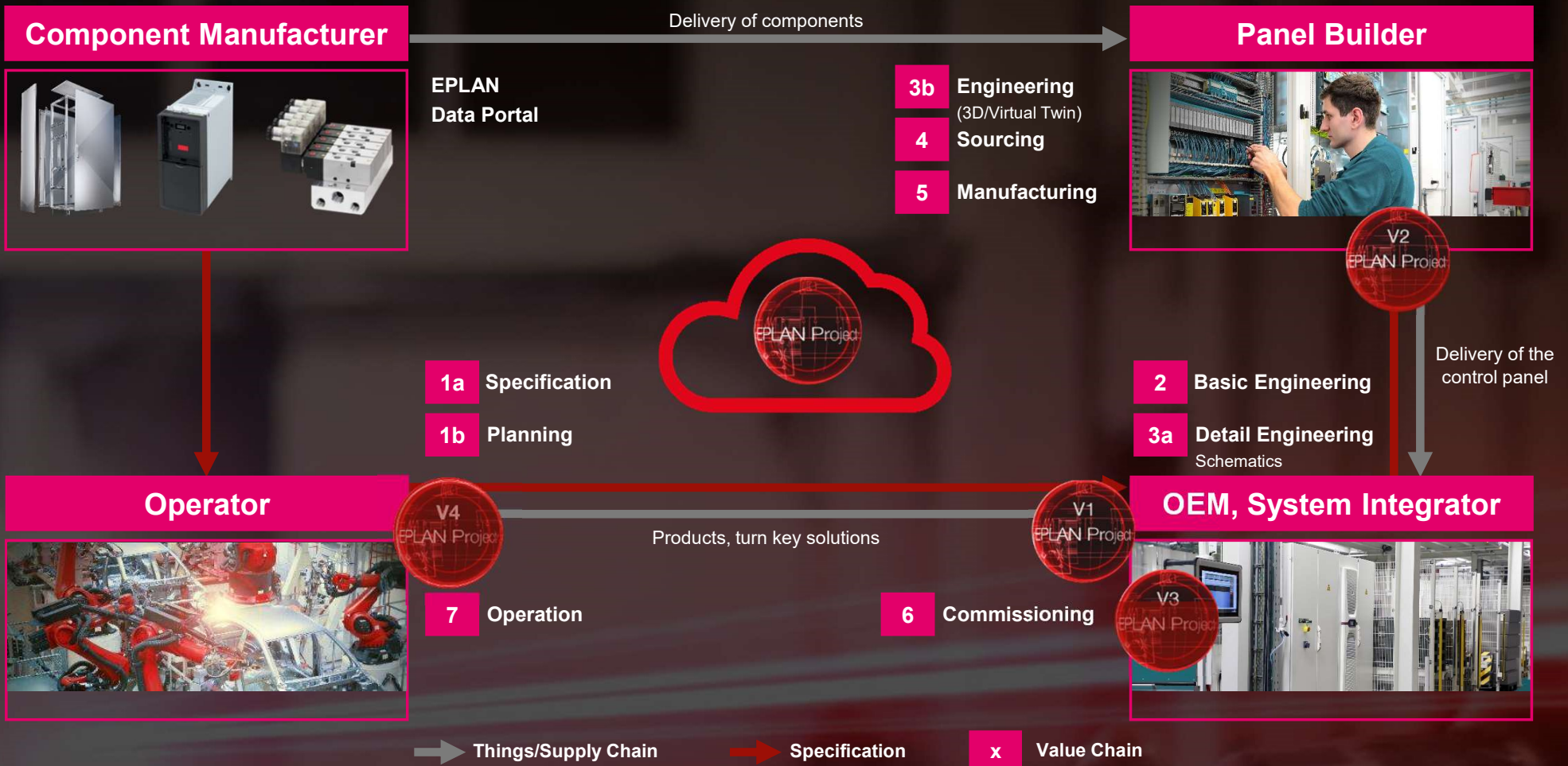
PROCESS CONSULTING

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Ecosystem of Industrial Automation



Added Value for Component Manufacturer

Component Manufacturer



EPLAN Electric P8



EPLAN Data Portal



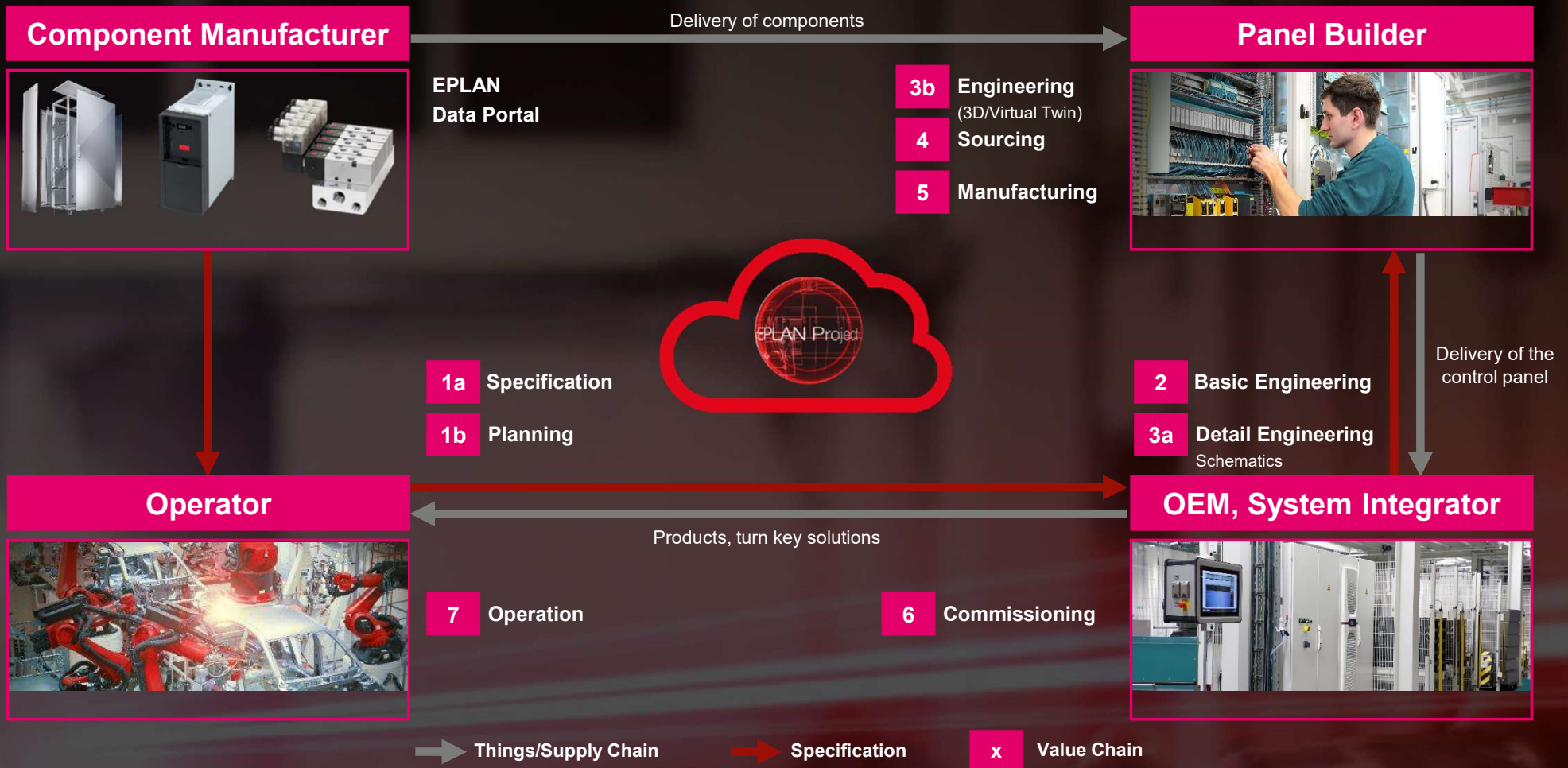
EPLAN Data Portal
Import Tool



- Increase device sales
- Reach new audiences
- Consistent data quality
- Ease of uploading data
- Gain customer insights
- Different standards supported

“The device manufacturer can upload their entire device library via EPLAN Electric P8 to the new EPLAN data portal. The data is checked against the EPLAN data standard to ensure quality & consistency, ensuring their customers are satisfied. New customers can be reached via the EPLAN network, and data insights are provided by the data portal report centre”

Ecosystem of Industrial Automation



Added Value for Operator

Operator



EPLAN Electric P8



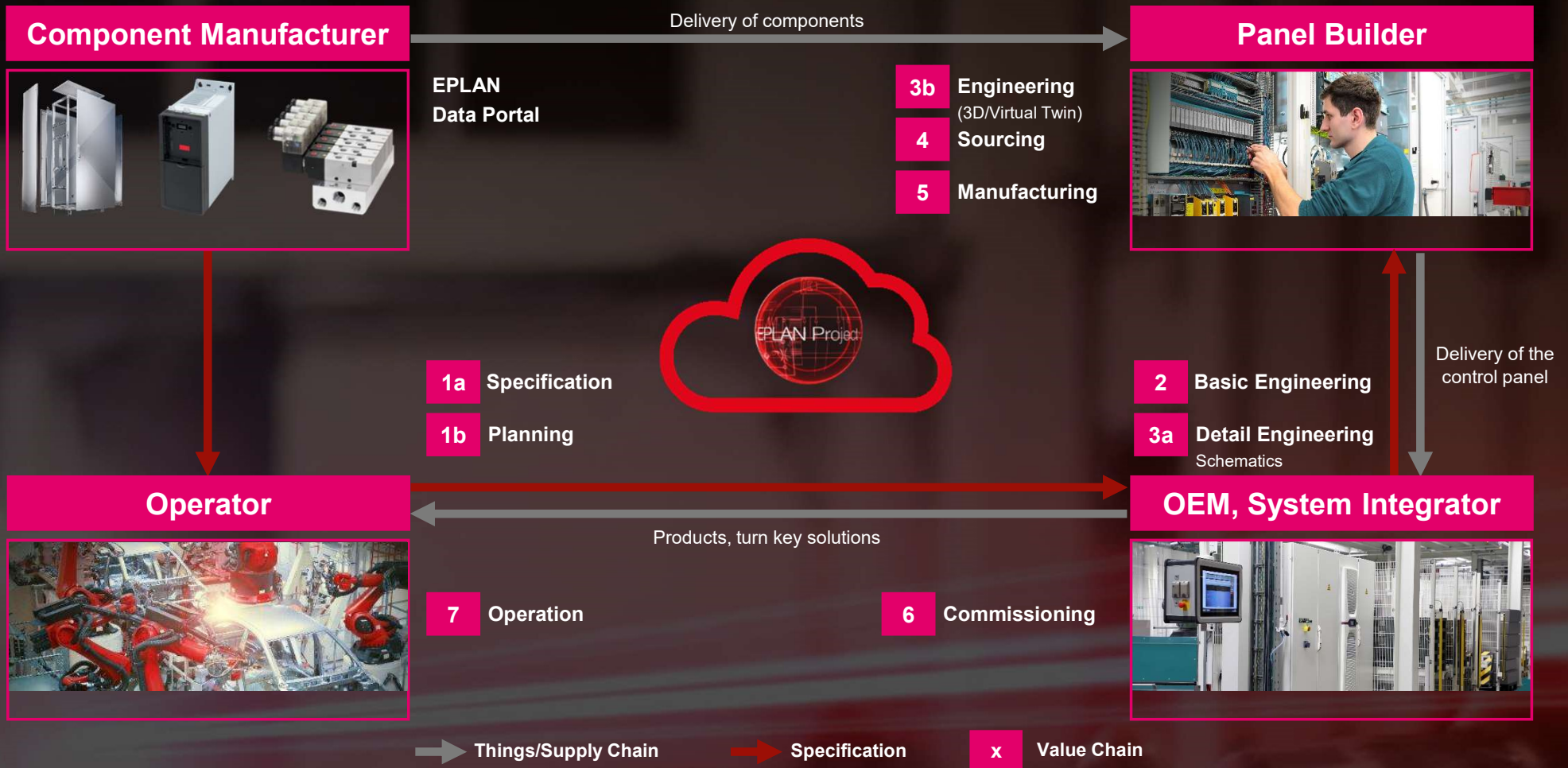
EPLAN eMANAGE



- Provide project template securely
- No need for uncontrolled emails
- Restrict access via user management
- Secure area for project collaboration
- Structured storage for projects

“The project template and specification can be provided from the operator to the OEM in a secure and structured cloud environment. User access rights protect the project, and collaboration can take place in a secure manner without the need for email”

Ecosystem of Industrial Automation



Added Value for OEM / System Integrator

OEM, System Integrator



EPLAN Electric P8



EPLAN eMANAGE



EPLAN Fluid



EPLAN eBUILD



EPLAN Harness



EPLAN Data Portal

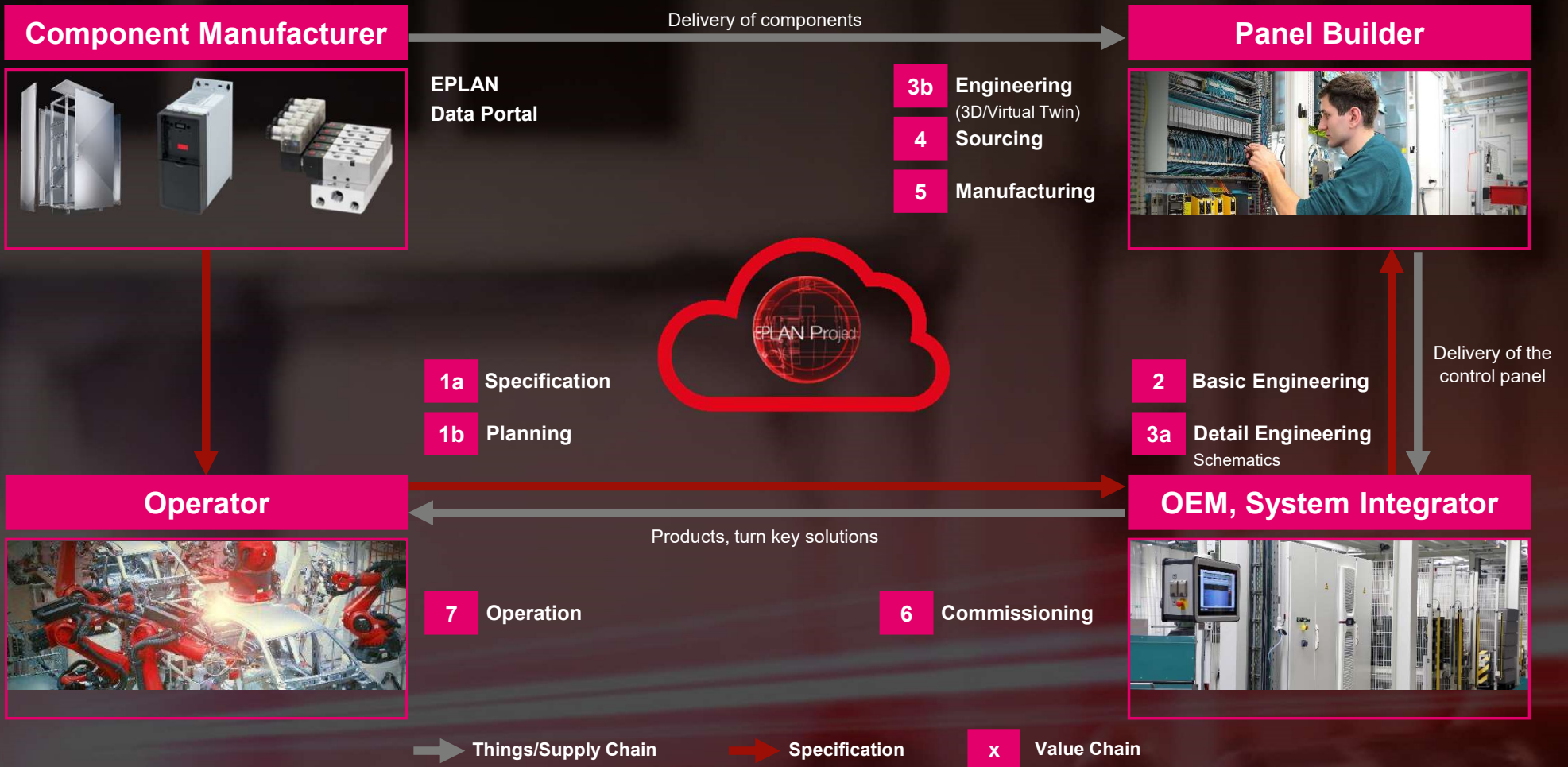


EPLAN Preplanning

- Collaborate in a secure cloud location
- EPLAN portfolio for machine design
- Standardised automation in the cloud
- Consistency & quality of device data
- Ease of communication with customers & suppliers

“The project template and specification is received from the operator in a secure and structured cloud environment. Machine planning and design is taken care of via the EPLAN portfolio. High quality device data is provided by the data portal, with eBUILD enabling standardised automation libraries in the cloud, with a central location used for collaboration”

Ecosystem of Industrial Automation



Added Value for Panel Builders

Panel Builder



EPLAN Pro Panel



EPLAN eMANAGE



EPLAN Smart Wiring



EPLAN eVIEW / AR



Rittal Automation Systems



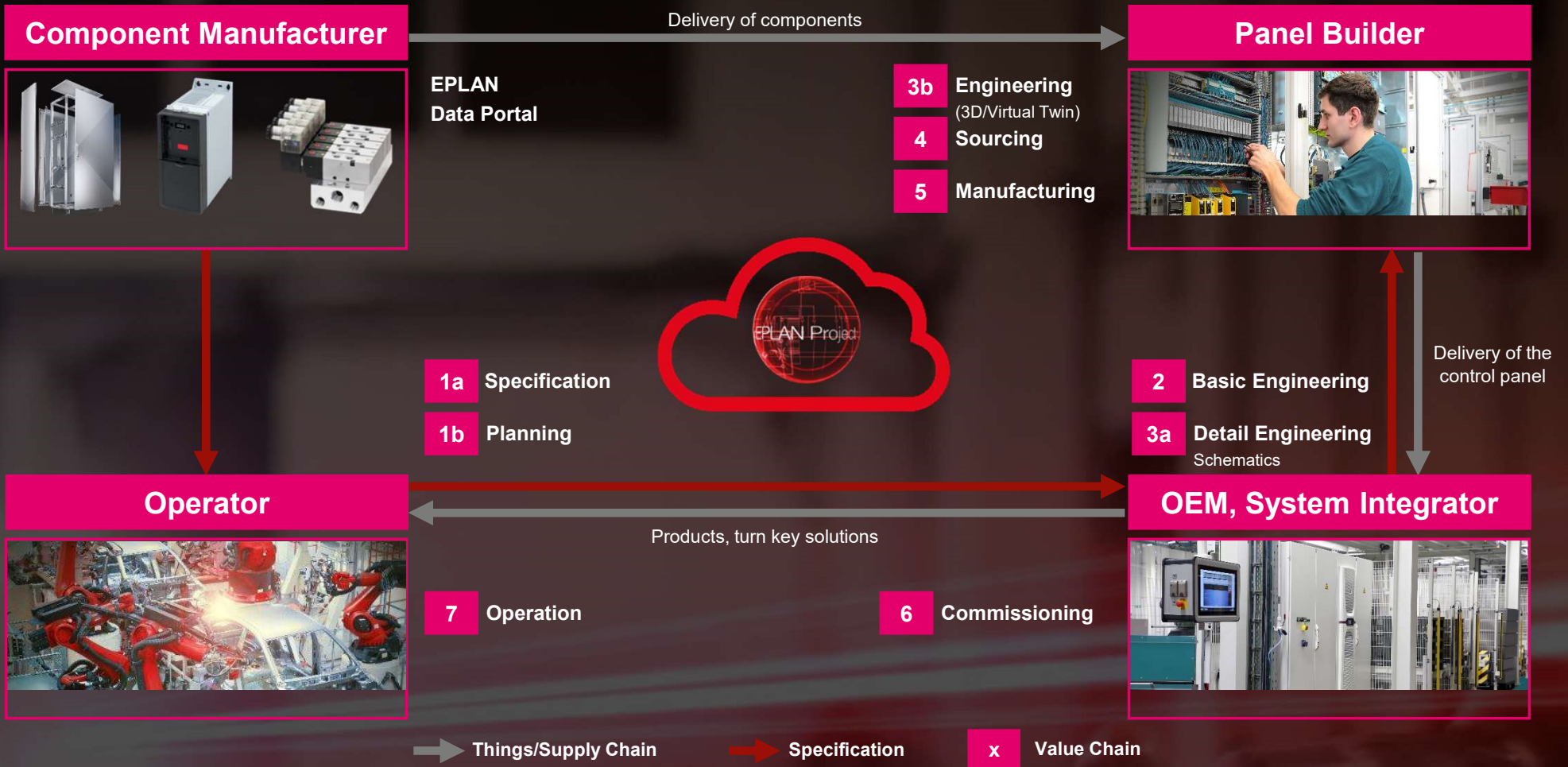
EPLAN Data Portal



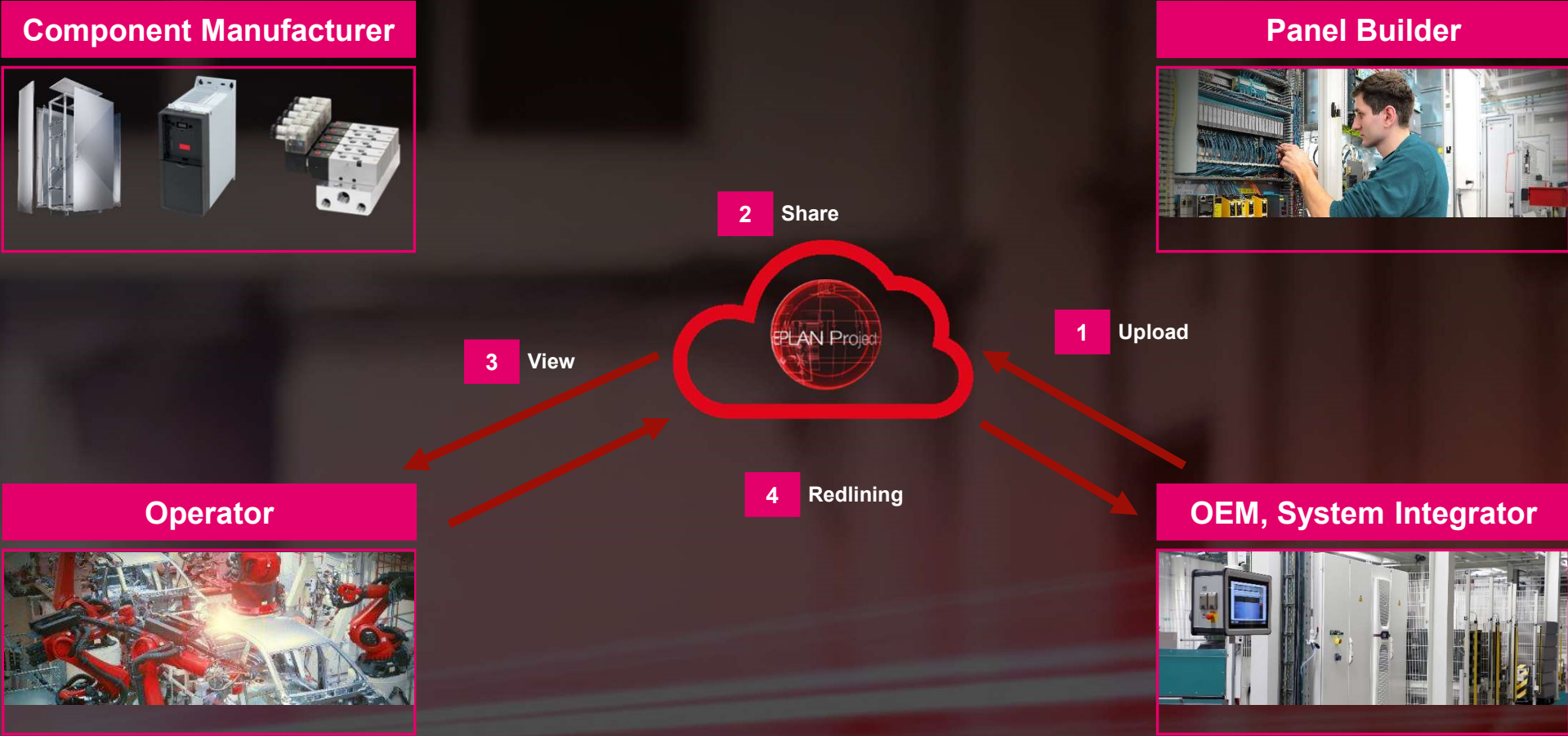
- Easy 3D cabinet design & wiring
- Additional manufacturing device data
- Export via NC for manufacture
- Step by step wiring guides via app
- Augmented reality for communicating
- Easy collaboration with OEM

“Once the panel builder receives the project, additional manufacturing data is available for devices in Pro Panel. 3D cabinet design and wiring can take place in the digital twin, then export via NC for manufacture. Step by step wiring guides are available via Smart Wiring for each of production. Cabinet design can be shared with non technical stakeholders with state of the art AR technology”

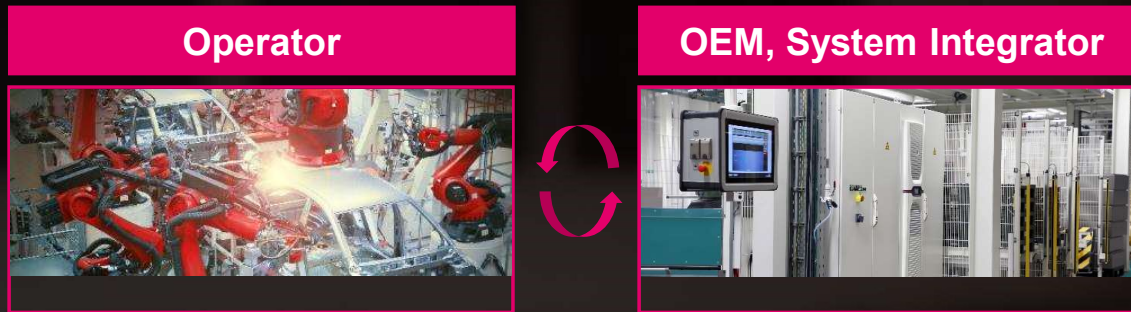
Ecosystem of Industrial Automation



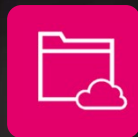
Collaboration Example via eMANAGE / eVIEW



Added Value for Project Review / Handover



- Easy project review / approval
- Secure cloud collaboration
- Service information always up to date
- No more lost documentation
- No more paper reviews



EPLAN eMANAGE



EPLAN eVIEW



EPLAN ePOCKET

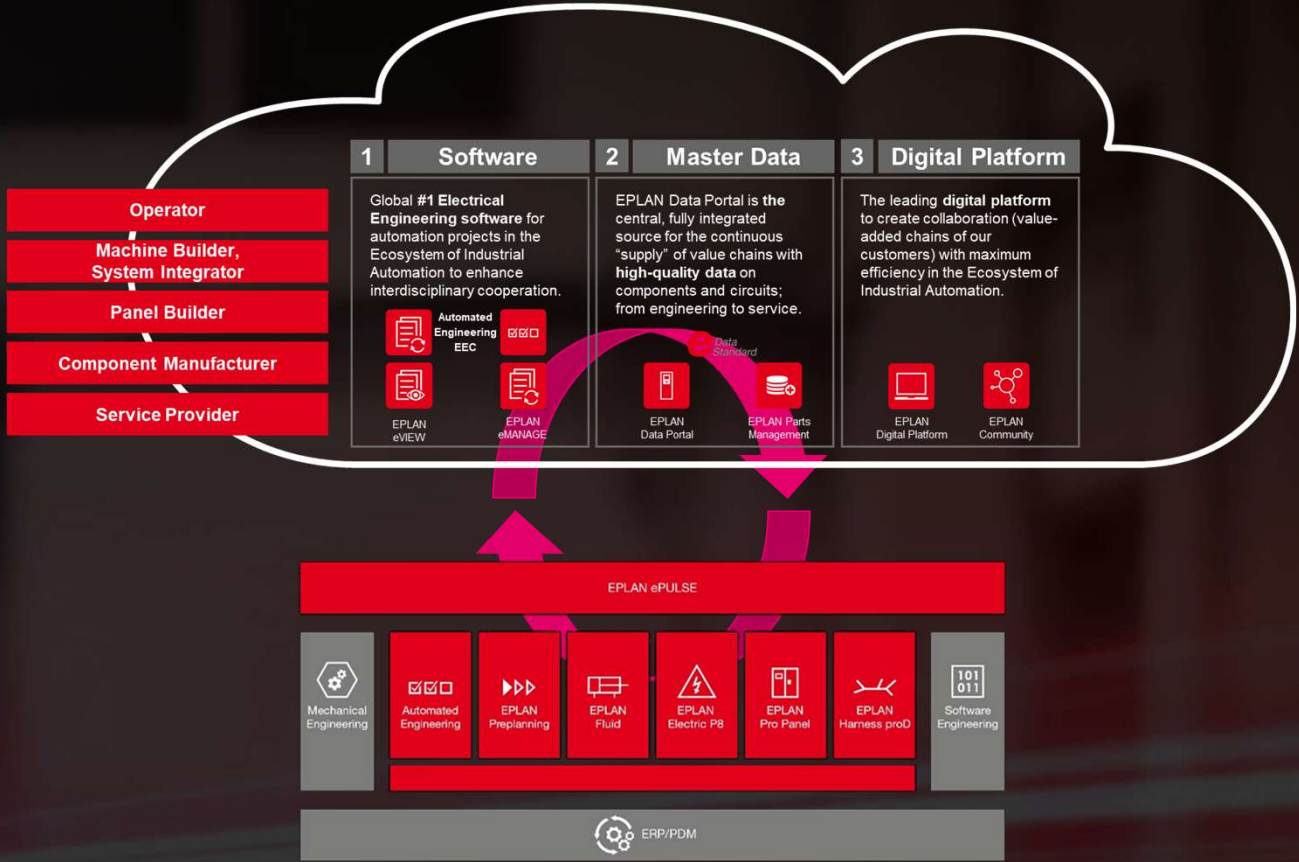


COMING SOON

“At the end of the design phase the project can be reviewed and marked up in a secure cloud location. Commissioning and servicing can take place via ‘always up to date’ project documentation. Any change requests can be fed back to the designer via redlining, with full audit history of the change request at any time. The project data remains up to date and available anytime anywhere via eMANAGE”


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The hub for all participants of the Ecosystem of Industrial Automation



Thank you for your attention

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