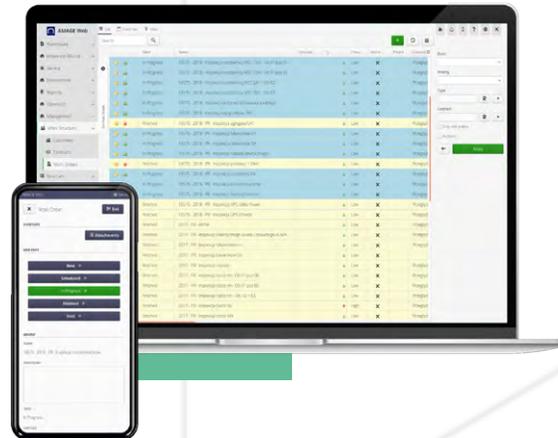
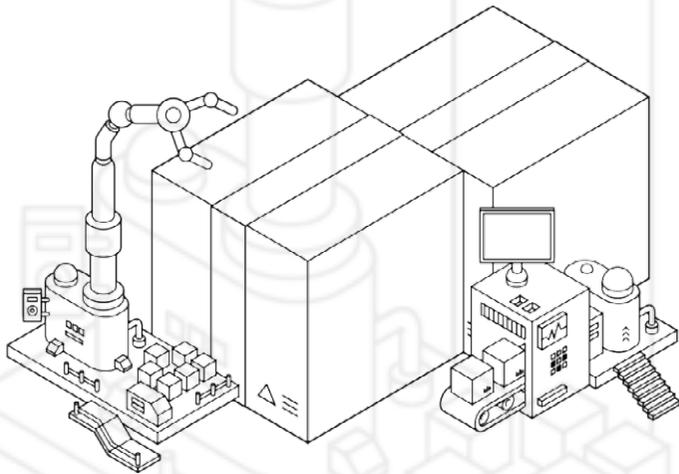




IT systems for Contract Production Assets under control

Our Solution

AMAGE offers solutions and functionality aimed at companies manufacturing highly specialised products and devices, often the product of intricate design work. Complex electrical switchgear or projects such as pipe routes for technological processes would be excellent potential examples of the application of our solution. We support production processes that require continuous object identification. During manufacture, we assimilate all relevant data and create contextual documentation that facilitates FAT processing. The comprehensive documentation and resource structure can be transferred to a client's site or made available through the Client Portal. This ensures full **monitoring** of the work in progress and expedites rapid, well-organised **information flow**, while reducing or eliminating paper documentation. AMAGE Systems is on-trend departing from the commonly used spreadsheet to the innovative „lightweight“ tools that are being implemented in such models as **SaaS** and **On Premises**. Our software is also customisable, and the version for mobile devices allows real-time recording of events in the field, and also in offline mode.



Who is AMAGE Solution for?

Our solution supports management and associated staff, including manufacturing technologists, production engineers and assembly workers.

- We empower management responsible for the implementation of complex projects from the design stage to completion, both in the manufacturing plant and at the final assembly site. Key information is generated on progress, implementation and existing (or on-going) constraints or limitations.
- We expedite the work of design departments, allowing simplified transfer of successive design / project versions to assembly teams. Design documentation created is fully integrated, allowing immediate access to current documents by supervisory and manufacturing staff.

- Rapid, easy access to information and the streamlined information flow between teams responsible for various stages of production and assembly promotes timely reporting of work in progress / completed.

What production areas does AMAGE Systems support?

- Order portfolio and status management
- Order, project and contract structure
- Structure of constructed devices, identification and contextual documentation
- Supervision and monitoring of the progress of production and assembly processes
- Inspections, FAT protocols
- Verification work, defect reports and information flow

Key Benefits of the AMAGE Production Solution

- Comprehensive control over the ongoing production and assembly works
- Full monitoring of work in progress, resources, and support in structuring the information flow.
- Data logging of all costs and activities, enhanced work allocation, and compliance with all formal requirements.
- Electronic supervision of the production process and real-time registration of events provided via the MOBILE module.

Order & Delivery Portfolio Management

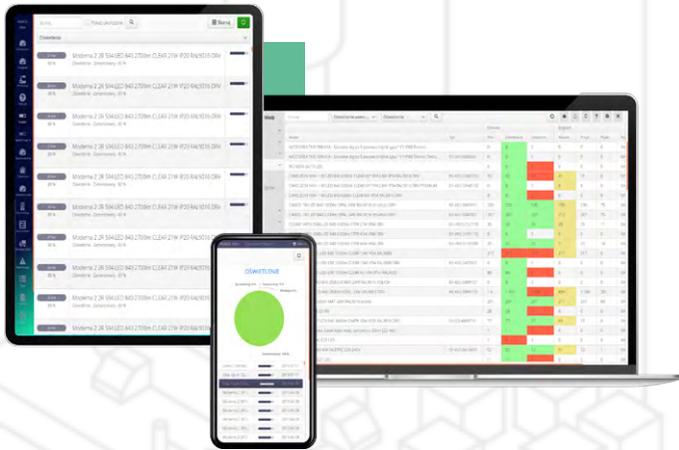
In-depth portfolio management produces a comprehensive overview of any project under scrutiny. With detailed definition of the tasks to be performed, work progress and contract expectations, we facilitate effective, ongoing control.

- Enhanced contract access clarifies work parameters, including commissioning train, and enables effective workflow creation
- Full integration of project documentation, with completed works registered against bill of materials
- Intelligently updated project documentation in revised projects
- Definition of access rights, controlling security whilst allowing subsequent assignation of permissions to third parties.
- Tracking work progress with reference to the project parameters.

Manufacturing

Production teams experience enhanced support with detailed, accurate and contextual information provided by the system, having the capacity to import (and integrate) the bill of materials directly from a CAD / CAM systems. Component identification using RFID codes and the use of mobile devices enable rapid reporting of completed work and accurate progress reporting.

- Definition of multiple assembly supervision processes
- Custom specification of progress and monitoring parameters, facilitating accurate, detailed and relevant reporting
- Verification triggers for job completion, stage progression, performance monitoring, etc.
- Automatic detection and reporting of delays and bottlenecks in the ongoing processes



Assembly Work and Process Supervision

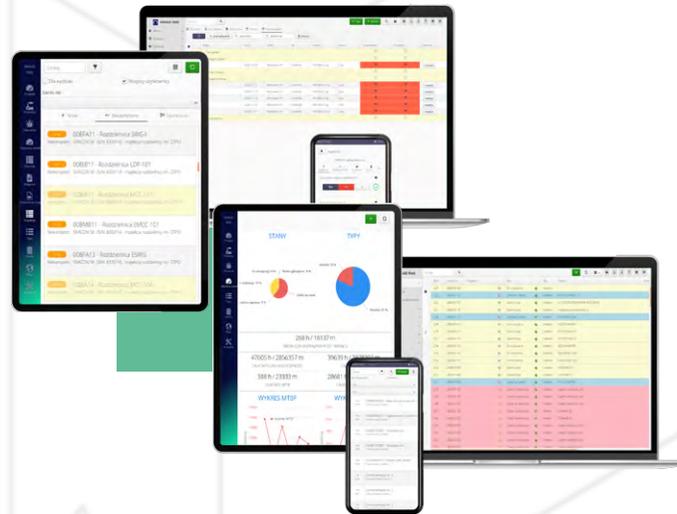
The systems supports detailed monitoring of the implemented process production and assembly based on the structure of the manufactured products devices. Additional identifications of individual components using RFID codes and the use of mobile devices supports quick reporting of work performed and visualization of the progress of the construction/assembly work.

- Definition of multiple assembly supervision processes
- Custom specification of progress and monitoring parameters, facilitating accurate, detailed and relevant reporting
- Verification triggers for job completion, stage progression, performance monitoring, etc.
- Automatic detection and reporting of delays and bottlenecks in the ongoing processes

Control work, inspections, FAT inspections

Advanced checklist creation facilitates efficient monitoring of control / inspection activities during the production process, and also during the transfer of the completed components and devices to the end client. Automated, updated checklist and workflow reports enable rapid, secure transfer of data between teams and the client.

- Advanced checklist creation, offering a broad spectrum of activity definitions
- Data association to specific instruments, with calibration parameters
- Full digitalisation of control work, photo documentation, and confirmation of work completion is supported.
- Fully automated, updated inspection reports
- Streamlining of Factory Acceptance Test procedures



Production quality control and supervision

The system provides enhanced support for inspection teams in the ongoing supervision of manufacturing and assembly work. Accurate identification of components in the production structure facilitates prompt defect / fault reporting and rapid intervention. Remedial actions are monitored, and any relevant project documentation is automatically updated to reflect changes in specification, design etc. Fully responsive digital report workflow enables timely coordination of individual teams or remote sites.

- Fully customisable fault-reporting cycle enables accurate identification and definition of errant processes or participants.
- Reporting via mobile devices, full control over additional information (photos, recordings).
- Contextual link between reports and manufactured components; simplified tracking of repair and inspection progress.

Contact us

to arrange a demonstration of the system on site, at the client's premises, or to provide a demo version at your company.

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Our customers

- Krakowski Holding Komunalny S.A.
- Kopalnia Soli „Wieliczka” S.A.
- Budimex S.A.
- Elsta Sp. z o.o.
- Elektromontaż Poznań S.A.
- and others

For more information, please visit the website:
www.amagesystems.com/solutions-contract-manufacturing/

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