



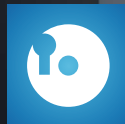
Control and Monitoring Systems
Production Control and Planning – MES
Data Visualization, DIGITAL SIGNAGE
Maintenance Control and Planning, CMMS/EAM
Plug-and-go Software Development

www.elvacsolutions.eu

www.techis.eu

www.infopanel.eu

eis.elvacsolutions.eu



SOLUTIONS CATALOGUE
ELVAC SOLUTIONS



SOLUTIONS, PRODUCTS AND SERVICES

We develop control, monitoring, geographic and information systems for the aviation, military, water management, industry and power engineering.

We offer turn-key solutions as well as plug-and-go development. We analyse business processes, their modelling, prototyping and support via information systems. We provide certified service to all the product we deliver, up to the 24/7 scale

Partnership

We are a reliable supplier of software solutions, developed using state-of-the-art technology. In our work, we actively use partnerships with companies that are the best in the field. ELVAC SOLUTIONS s.r.o

ELVAC SOLUTIONS s.r.o

- ✓ Silver integrator of the CitectSCADA product
- ✓ Holder of the Golden Competence for Microsoft-based Data Analysis
- ✓ Holder of the Silver Competence for Microsoft-based Application Development
- ✓ Holder of the Silver Competence for Microsoft-based Data Platforms.
- ✓ Authorized partner of PHILIPS SignageSolutions
- ✓ Certified supplier of Hewlett-Packard components.



PHILIPS
SignageSolutions

Citect



Registered
SILVER
Integration
Partner

Microsoft
Partner

Gold Data Analytics
Silver Application Development
Silver Data Platform

Quality

We are an all-Czech company with own application and system development. We provide complex services to our customers according to their individual needs and wishes.

Above all, we pay attention to the quality of the delivered solutions and provided services, which we can illustrate with the following certifications:



Quality management system for the development, production, sale and maintenance of control, monitoring and information systems.



Service and support of control, monitoring and information systems.



Application and solutions of technical information, industrial, monitoring and geographic information systems.



Civil Aviation Authority certification

Licence to develop, manufacture, install, maintain, repair and modify aeronautical ground equipment.



Service

Our work does not end with the delivery of the work or product.
We provide the following services to our customers:

- Technical support within the Service Agreement, up to the 24/7 scale.
- Telephone assistance to end users within the Hotline service.
- Provision of technical support via the Subscription service.
- Supervision and monitoring of the delivered software or hardware equipment.
- Specialized training for all our solutions and systems.



Control and Monitoring Systems

We offer an integrated set of applications for industrial automation and visualization that makes it possible to build new control and monitoring systems, while integrating the existing ones.

- Modular solution.
- The system can be built gradually.
- Uniform user interface for monitored and controlled systems.
- Easy-to-use configuration tools.
- Reliability, safety, extensibility, openness and robustness of the system based on globally-used CitectSCADA product by AVEVA.
- Quality verified by thousands of installations all over the world.



CitectSCADA



CMOS Control and Monitoring Systems

Jeneč IATCC – National integrated centre for air navigation services



Air Navigation Services
of the Czech Republic



MES – Production Control and Planning

A complex production information system containing production preparation, start and control. The solution also includes real-time production data acquisition and assessment.

- Accurate information on the production in progress.
- Supervision of the plan/order fulfilment.
- MEmployee motivation – performance reflected in the production (performance visualization, evaluation...).
- Integrated control mechanism support.
- Alarms – e-mails, SMS, audible alarms.
- Employee quality monitoring and evaluation.
- The tools for system configuration and analyses, KPI, statistics or reports are included in the delivered SW (independent of the supplier).
- Secured access from mobile devices.
- Communication with third-party systems (SAP, SharePoint, corporate systems...).

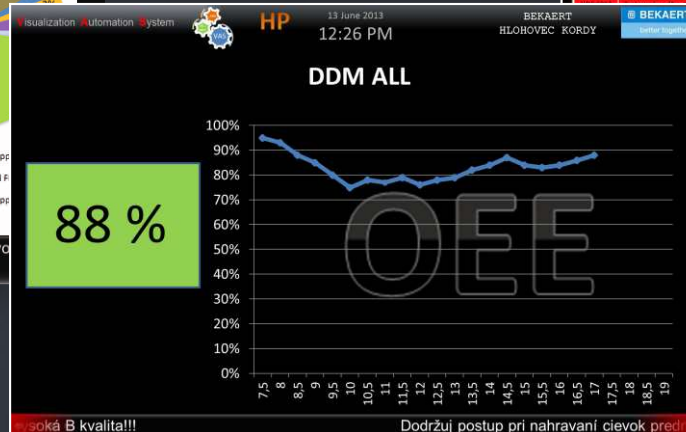
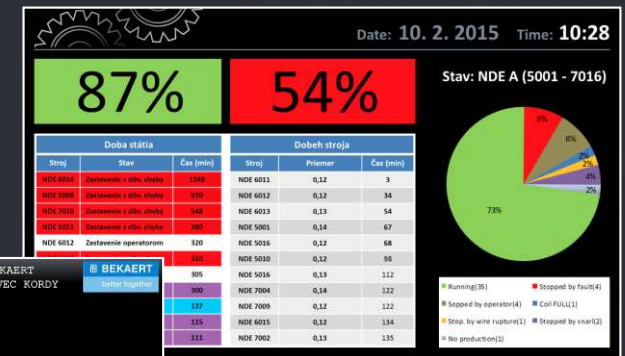
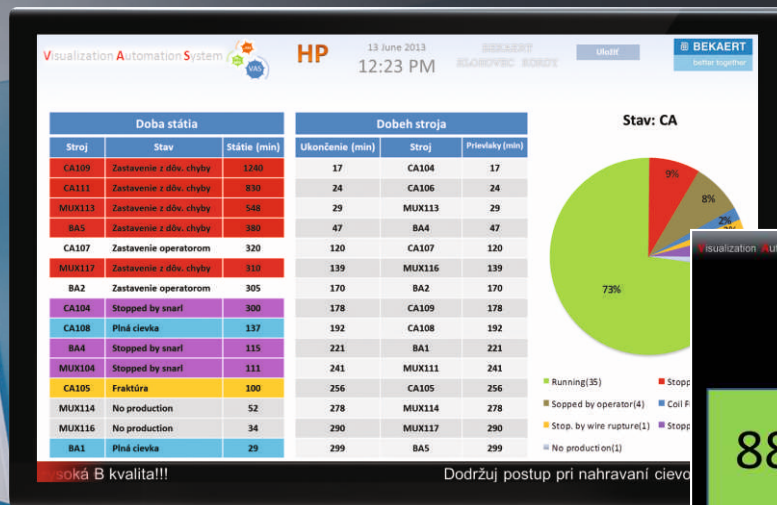


Production Control and Planning VAS/EIS

Bekaert Slovakia s.r.o., SLÁDKOVIČOVO

BEKAERT

better together

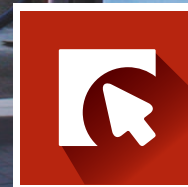


Data Visualization - DIGITAL SIGNAGE

The InfoPanels system is an exceptionally effective tool for data presentation, with central administration and ease of control.

Its versatility and reliability make it suitable for use in various industries and areas. The system is operated, for example, in industrial production, tourism, information centres, by authorities and in places with a large concentration of people.

- The InfoPanels system makes it possible to remotely control the content of any number of connected displays.
- The visual output can be changed in the Editor as needed.
- The system is able to use various resources (tables, databases, internet or corporate systems) and supports commonly used multimedia.



InfoPanels Information System

Leoš Janáček Airport Ostrava

Leoš Janáček
Ostrava Airport

Leoš Janáček Ostrava Airport		10:33:33	08/07/2019	 Moravskoslezský kraj			
ARRIVALS			DEPARTURES				
TIME	FLIGHT	FROM	REMARK	TIME	FLIGHT	TO	REMARK
10:45	QSQS138P	PRAHA	DELAYED 10:52	12:15	QS1380	BURGAS	10:11 CHECK-IN, GATE OPEN
11:15	QS1311	RHODES		17:45	QS1316	KORFU/KERKYRA	
16:45	QS1381	BURGAS		18:55	QS2794	MONASTIR	
18:05	QS2794	MONASTIR	VIA BRNO				
22:50	QS1317	KORFU/KERKYRA					

Leoš Janáček
Ostrava Airport

10:25:57
8.7.2019

Moravskoslezský kraj

smartwings

CSA CZECH AIRLINES

FLIGHT QS1380

BURGAS

DEPARTURE 12:15

BOARDING 12:00



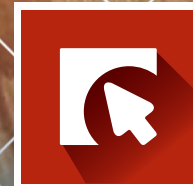
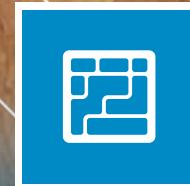
CMMS/EAM – Maintenance Control and Planning

The TechIS information system is a modern solution for planning, control and reports of the maintenance of machines, equipment, car fleet and property in general. It provides users with permanent access to important information and thus helps to save on and better control maintenance.

- Register and administration of property, people and organizational units.
- Well-arranged maintenance planning.
- Reduction of downtime and failures.
- Optimization of warehouse stock of spare parts.
- Automatic filing of maintenance orders based on machine signals.
- Modern mobile access to property administration and maintenance execution.
- Permanent availability of important documents.
- Generation of analyses and reports.
- Paperless operation (replaces paper journals).
- Ready for Industry 4.0 (connection to production systems).

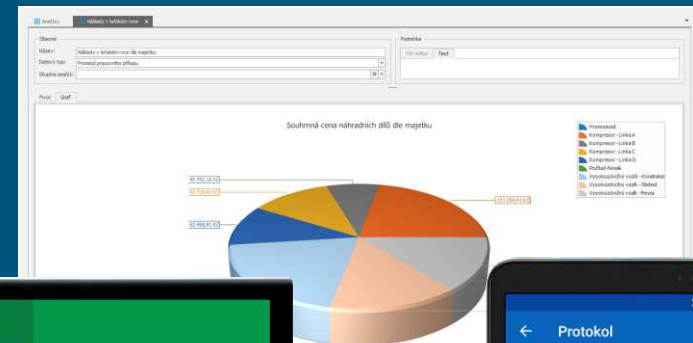


TechIS
www.techis.eu



TechIS and InfoPanels Information System

Serafin Campestrini s.r.o. (SECA) Borohrádek
The system was acquired namely for maintenance planning and reports.



SECA wood profiles PONDĚLÍ 01.07.2019 01:12 18 °C

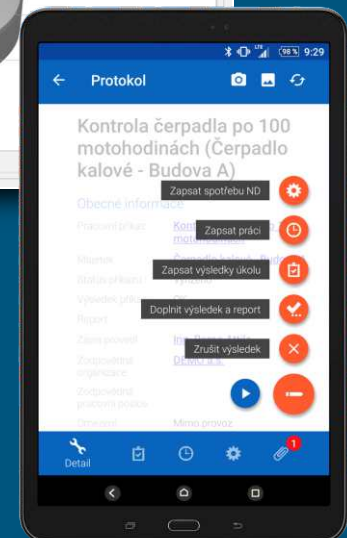
AKTÁLNÍ INCIDENTY VE VÝROBĚ POČET 1 0 0 11

Popis události	Nahlášeno	Řeší	Priorita	Plán	Řešení
Nový přístřešek na odkapky haly W3	26.2.2019 07:14	Novotný Jiří	2	18.3.2019 07:00	
Kontrola turniketu a cyklonu na velkém síle	14.3.2019 05:49	Novosad Antonín	1	22.3.2019 03:00	
Výroba vymezovacího válce na waco	06.4.2019 06:52	Marek František	2	09.5.2019 06:00	
Výroba vozíku na čerpadlo	06.4.2019 06:53	Kolman Pavel	2	09.5.2019 06:00	
Namazat Adjustační linku	17.5.2019 01:11	Janečka David	2	20.5.2019 06:00	

PREVENTIVNÍ PLÁN ÚDRŽBY STROJŮ POČET 13

Popis údržby stroje / kontroly	Termín	Řeší	Splnění
Protipožární kontrola	14.1.2019 01:00	Schön Leonard	8
Vnitropodniková protipožární ochrana	05.3.2019 07:00	Novosad Antonín	8
Nový přístřešek na odkapky haly W3	18.3.2019 07:00	Kroupa Petr	8
Kontrola a namazání ložisek na peletárně	25.3.2019 03:00	Denk Ludvík	8
3m preventivní	29.3.2019 11:00	Rozsypal Josef	8

03. 7. 2019 PROBĚHNE ODSTÁVKA LINKY 4550. PŘEDPOKLÁDANÉ ZAHÁJENÍ PROVOZU 04. 7. 2019 V 07:00 H

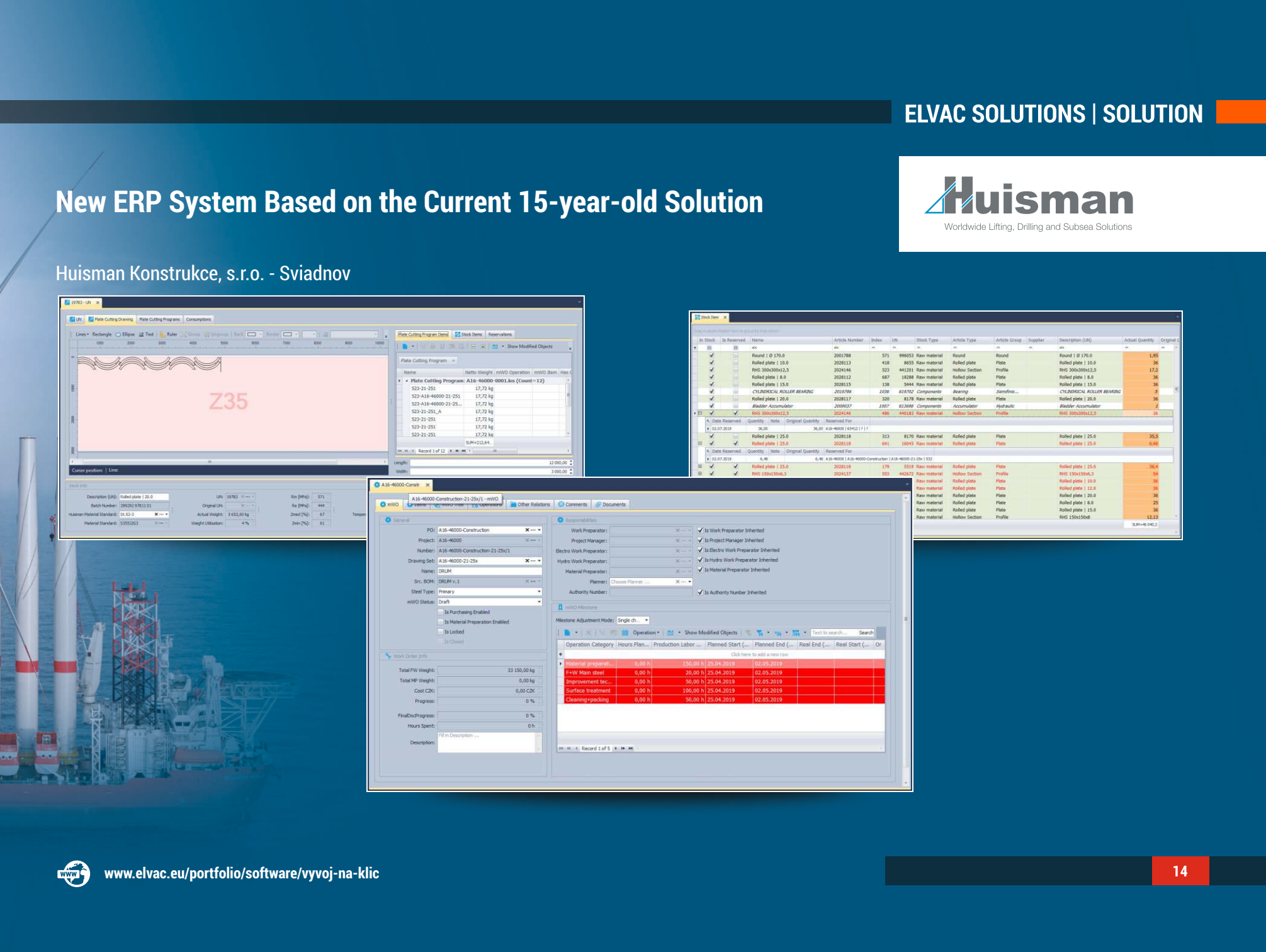


Plug-and-go Development

Our plug-and-go solutions are created by our employees with rich and years-long experience, namely in the area of developing and implementing control, monitoring and information systems.

- We provide our customers with complex solutions, including an initial analysis, solution proposal, implementation plan, implementation, and also service to the delivered custom-made solution.
- The custom-made development allows us to deal with unusual requirements and situations that cannot be solved using any available software product.
- Any change requirements are quickly responded to and processed.
- We provide 2-year warranty on our plug-and-go solutions.
- We train the users and administrators of the developed software.
- We are ready to assist you at any time during the life cycle of the delivered solution.





ELVAC SOLUTIONS | SOLUTION

New ERP System Based on the Current 15-year-old Solution

Huisman Konstrukce, s.r.o. - Sviadnov

The figure displays four screenshots of the ERP system interface:

- Plate Cutting Drawing:** Shows a technical drawing of a plate with dimensions and a list of materials (e.g., Z35, 17.72 kg).
- Stock Item:** A table listing inventory items with columns for Name, Article Number, Index, UoM, Stock Type, Article Type, Article Group, Supplier, Description (UoM), Actual Quantity, and Original Quantity. It includes details for various raw materials and components.
- Work Order:** A form for creating and managing work orders, including fields for Project, Drawing Set, Name, and various checkboxes for enabling/disabling features.
- Work Order Details:** A table showing work order details with columns for Operation Category, Hours Plan, Production Labor, Planned Start, Planned End, Real End, and Real Start. It lists operations like Material preparation, F-W Main steel, Improvement tec., Surface treatment, and Cleaning-packing.

www.elvac.eu/portfolio/software/vyvoj-na-klic

14

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- Stock Items:** A table listing inventory items with columns for In Stock, Is Reserved, Name, Article Number, Index, UoM, Stock Type, Article Type, Article Group, Supplier, Description (UoM), Actual Quantity, and Original Quantity. It includes items like 'Round 10 170.0', 'Rolled plate 10.0', and 'Cylindrical roller bearing'.
- Work Order Info:** A form for 'A16-46000-Const' showing project details, drawing set, and a table for 'Milestone' with columns for Operation Category, Hours Plan, Production Labor, Planned Start, Planned End, Real End, and Real Start.
- Plate Cutting Program:** A detailed view of the plate cutting process, including a list of materials and their quantities.

www.elvac.eu/portfolio/software/vyvoj-na-klic

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- Top Left:** 'Plate Cutting Drawing' window showing a technical drawing of a plate with dimensions and a 'Z35' label.
- Top Right:** 'Stock Items' window showing a table of inventory items with columns for Name, Article Number, Index, UoM, Stock Type, Article Type, Article Group, Supplier, Description (UoM), Actual Quantity, and Original Quantity.
- Bottom Left:** 'Work Order Info' window showing details for a work order, including Project, Drawing Set, Name, Steel Type, and various weights and costs.
- Bottom Right:** 'A16-46000-Const' window showing a table of work order items with columns for Operation Category, Hours Plan, Production Labor, Planned Start, Planned End, Real End, and Real Start.

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- Work Order Info:** A form for 'A16-46000-Const' showing details like PO, Project, Number, Drawing Set, Name, Src. BOM, Steel Type, and mWO Status. It also includes a 'Work Order Info' section with Total PW Weight, Total MP Weight, Cost CDC, Progress, and FinalDocProgress.
- Responsibilities:** A section showing assigned roles and permissions for the work order, including 'Is Work Preparator Inherited', 'Is Project Manager Inherited', 'Is Electro Work Preparator Inherited', 'Is Hydro Work Preparator Inherited', 'Is Material Preparator Inherited', and 'Is Authority Number Inherited'.

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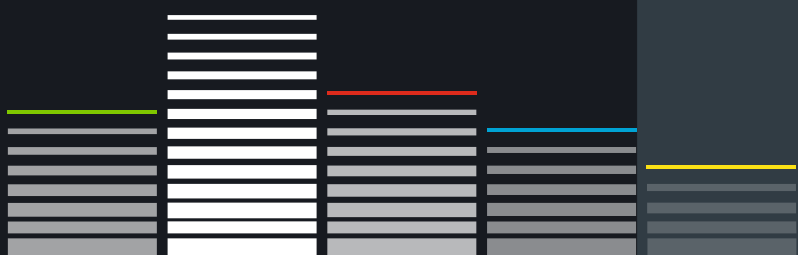
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14

SOFTWARE



Produkt



Optimalizace



Proces údržby



Řešení



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