



MAINTENANCE Management

I know how much
equipment maintenance
costs.

I know my equipment is
ready at the right time.

**I know I can achieve
maximum performance.**

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I know my equipment is ready at the right time.

I know I can achieve maximum performance.



Boost company performance



Contact our Marketing Department
 Marián Tkáč
 Sales & Marketing Manager

Maintenance Management Focus on Performance.

By introducing maintenance management with IT support (CMMS*), companies improve their ability to make effective use of their resources (including personnel and inventories), thereby ensuring an average 8% saving on maintenance costs in the first year of IS implementation (source: <http://gartner.com>).

Incorporation of maintenance processes into the company's information system enables strategic decisions to be made based on precise figures with the aid of explicit data presentations and analytical tools for managers.

You will quickly identify and eliminate weak points in equipment maintenance processes by means of ad hoc analyses and data histories. You can monitor real costs for specific equipment and compliance with the planned budget.

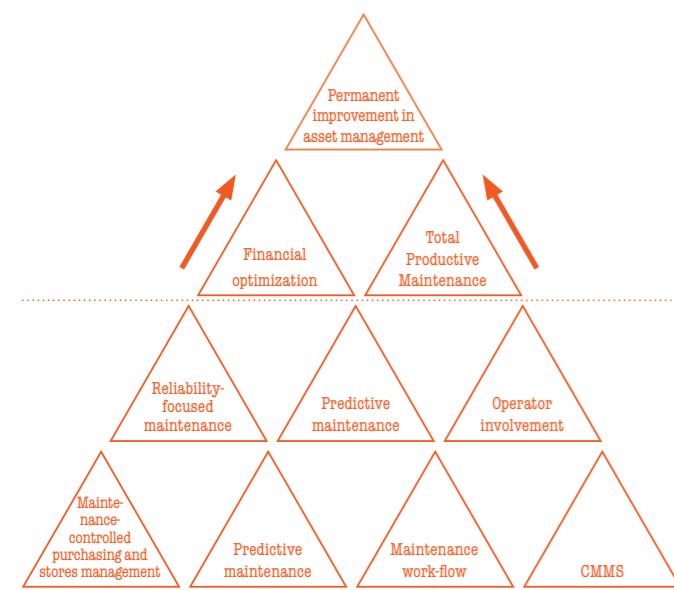
Thanks to the **Maintenance Management** system you will gain a complete overview of the functioning of maintenance in your company. Maintenance costs will decrease, and equipment will always be ready at the right time. The efficiency of usage of your equipment will improve, and the same goes for usage of human and material resources for maintenance.

You will acquire a tool for optimizing, planning and managing all maintenance processes.

*CMMS = Computerized Maintenance Management System

Ročnosť	01	02	03	04	05	06	07	08	09	10	11	12	Rozdiel	%		
Zariadenie																
CB1	3,000,000												29,000	-100,816	-21,816	-341
CB12	25,000												25,000	-100,816	-71,816	-347
CB12015													0	0	0	0
CB12034													0	52,800	52,800	0
CB120P201													29,000	-21,135	-7,865	-27
													29,000	-21,135	-7,865	-27
													29,000	-21,135	-7,865	-27
													27,000	-21,135	-5,865	-20
													1,000	0	-1,000	-3
CB120P202													0	0,640	0,640	0
CB120P204													0	320	320	0
CB120P222.1													0	1,771	1,771	0
CB120P203													0	1,360	1,360	0
CB120P204													0	1,816	1,816	0

“I know how much each bit of equipment costs me. I can compare my plan with reality.”



Pyramid of improvement in asset management

I have a clear overview in scheduling preventive repairs.

I have a clear overview in planning urgent repairs.

I have a clear overview of equipment maintenance.



Plan & manage



Contact our Maintenance Management consultant. Jaroslav Borovský Consultant

Maintenance Management Planning and checking.

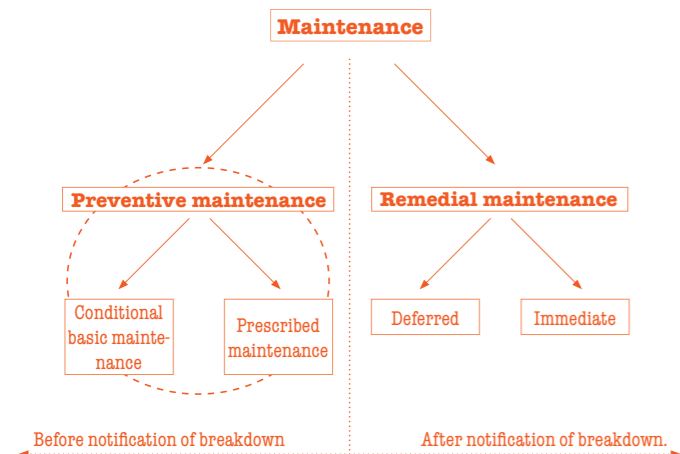
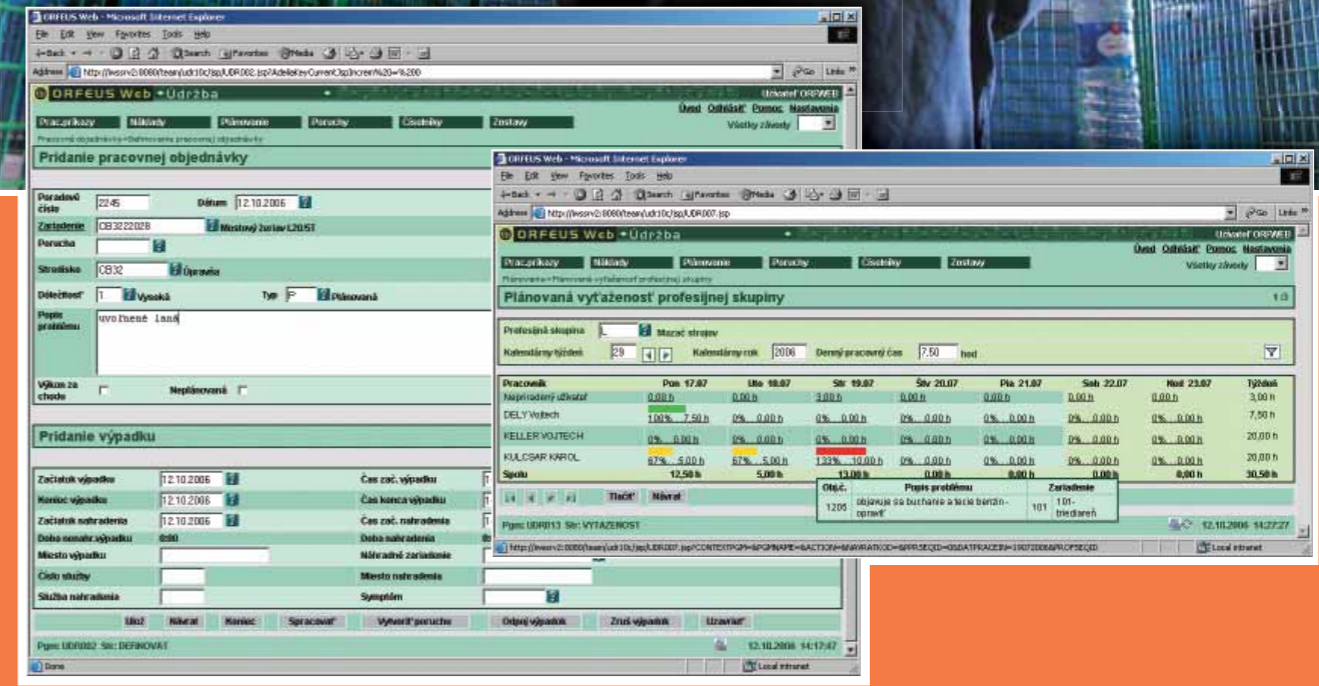
You will find your way around easily and simply. The equipment tree structure will enable you very quickly to find the necessary equipment. Your equipment records, drawings, manuals, contracts and inspection procedures will all be accessible at any time, and searching will be more simple than ever before.

Maintenance **planning** is based on the principle, confirmed in practice, of distinguishing preventive and remedial maintenance (see illustration on right). This principle is supported with explicit tools which enable the main kinds of repair work to be defined, and the necessary preventive repair intervals to be set. It is possible in a very simple way to specify the indispensable amount of work on the basis of the norms of work required by maintenance operations, the amount of material costs, and the minimizing of production plant down-time.

Quality management tools enable the specified quality of maintenance work to be permanently achieved.

Precise **evaluation** of maintenance processes will enable materials provisioning to be optimized, and human resources productivity to be effectively boosted.

- drawing up work requisitions (for maintenance, for repairs)
- planning work for professional groups/individuals
- monitoring maintenance worker capacity
- booking of actually-completed work
- work regulations for repeated maintenance, inspections
- budgeting for equipment and monitoring actual costs
- reporting of outages due to breakdowns
- monitoring of equipment down-time
- analysis of causes and types of breakdown in parts of equipment
- costs of orders and equipment linked up to an external information system
- inspection pathways for particular activities



◀ Maintenance planning is based on the principle, confirmed in practice, of distinguishing preventive and remedial maintenance.

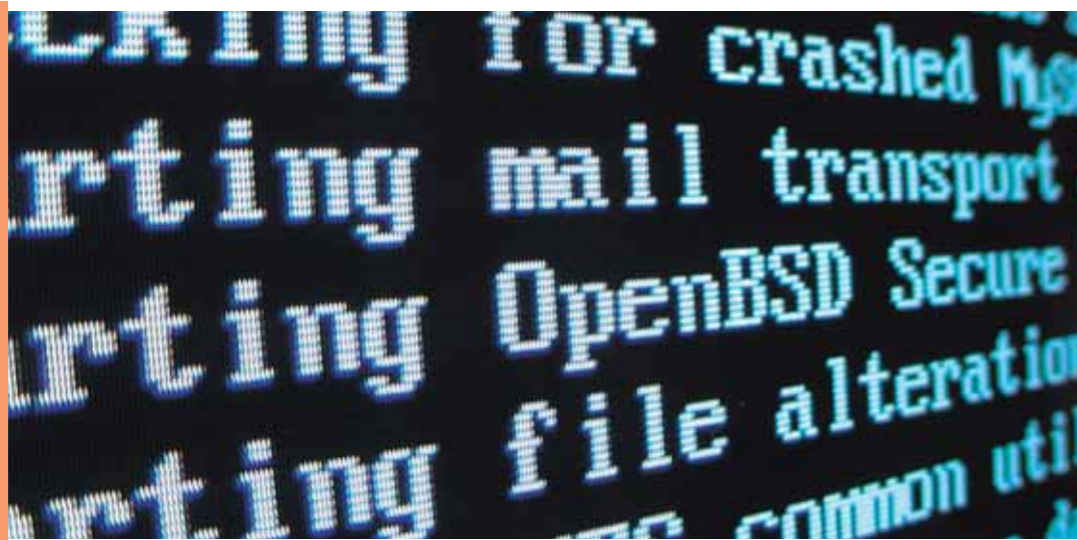
“Breakdown? Outage? No problem. We all know how to create a work order, and then monitor the work status.”

“I know how to plan work, and I know what my people are doing.”

High security and reliability ensured.

High speed and performance ensured.

Development and support from supplier ensured.



Maintenance Management Security and Flexibility.

You will achieve maximum reliability and scalability, guaranteed by making use of open standards and **three-layer architecture**. Consistent abstraction from specific HW and SW enables the system to be incorporated into your existing IT infrastructure. Web-based clients enable users to work in their familiar environment **without the need for installation**, special training, support or maintenance of other software by the client. The result is speed and low investment requirements for each implementation project of the Maintenance MANAGEMENT system.

You can administer the Maintenance MANAGEMENT system simply and efficiently. You can apply your own knowledge and experience without the need for training in any new technology. Connection through an internet browser enables any number of LAN stations to be connected, and internet access is provided regardless of location or time. The application and database servers run in a secure zone, and external access is permitted only to specified authorized users. User rights are allocated on the basis of user type.

Implementation begins with analysis and preparation of the induction plan, and then proceeds with installation, training sessions, data migration and running-in supervision. Users have access to a hotline and system support.

We offer the possibility of **outsourcing** of the whole solution by means of connection via VPN to our remote server at RASAX. By renting machine capacity you save on HW and SW investment and on costs for administering, backing up and maintaining the database server and operating system.



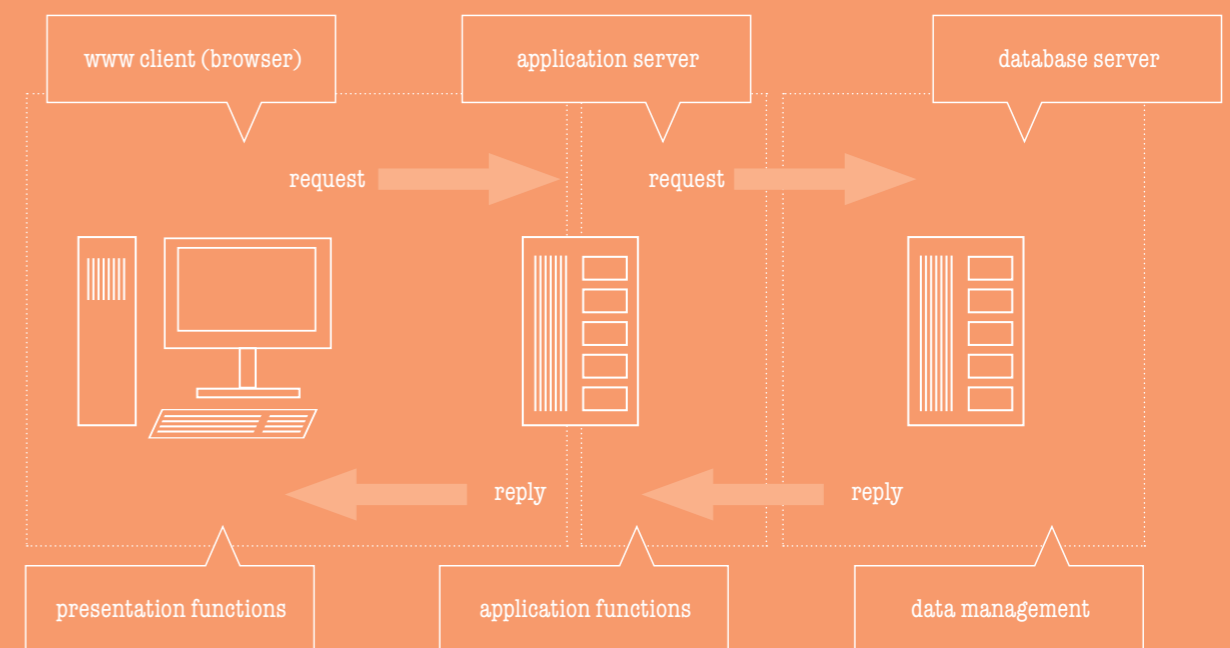
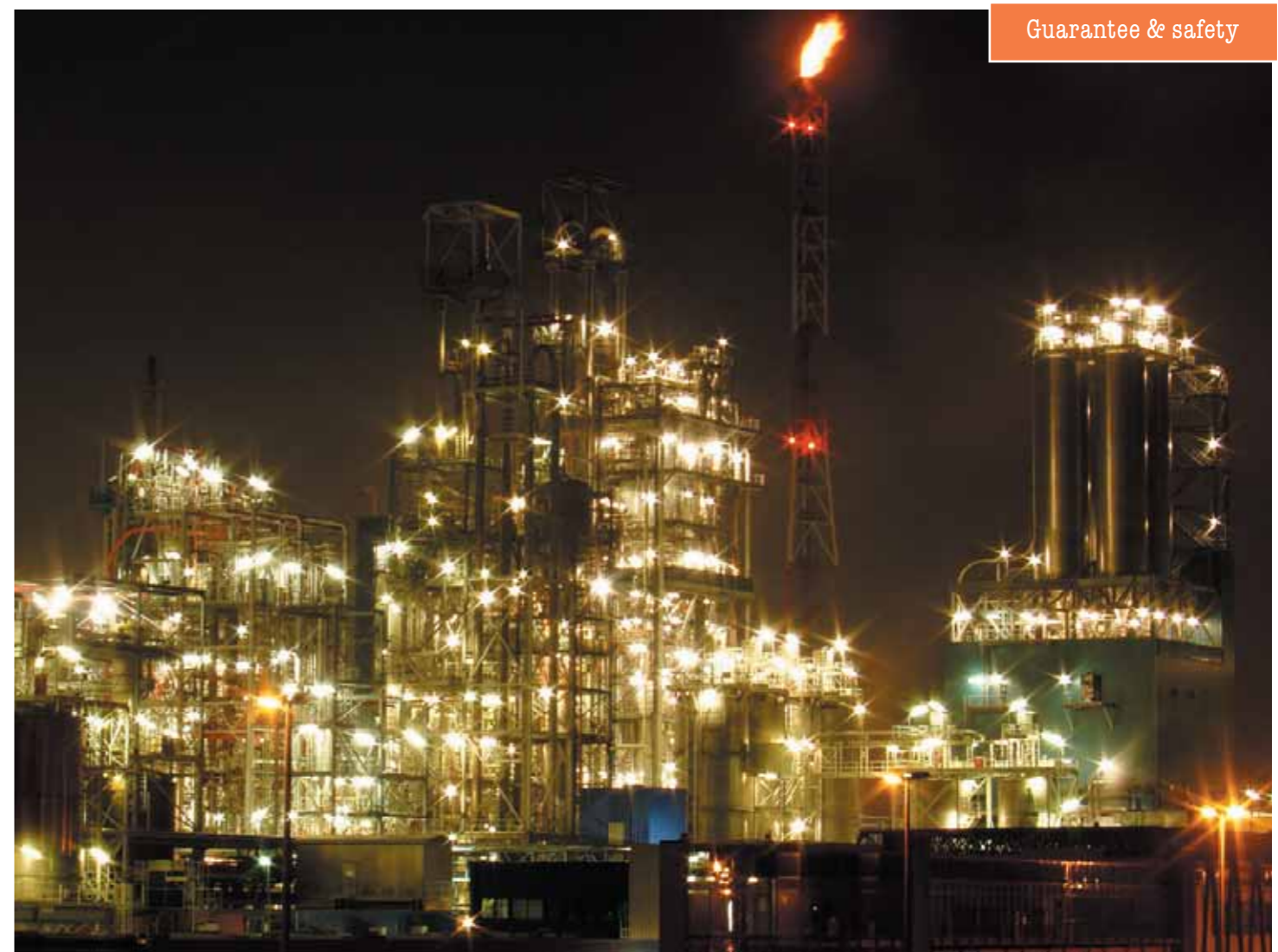
Contact our Maintenance Management consultant.
Jaroslav Borovský
Consultant

- Openness of communication with any other IS today and in future
- Three-layer architecture
- Standard environment for IS maintenance, repair and alteration – CASE Adelia Web Studio
- Unlimited number of users
- Built on J2EE standards
- Hotline, training, system support



Three-layer architecture scheme ▶

Guarantee & safety



MAINTENANCE

Management



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