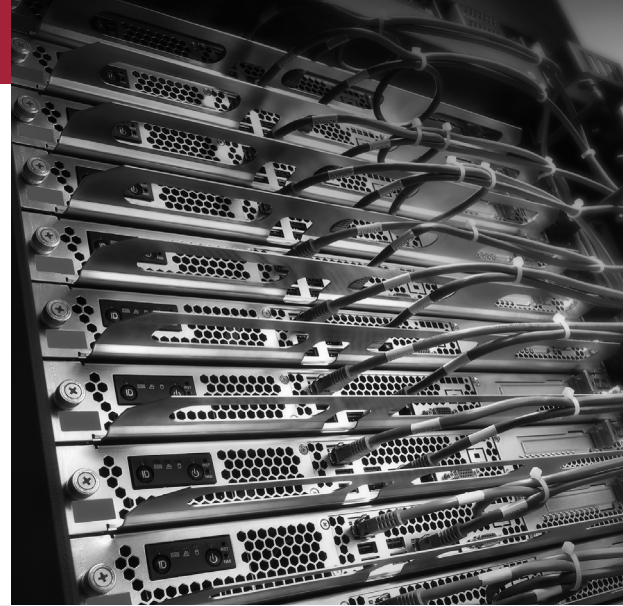# visure requirements ›

EKE-Electronics enhances the productivity in the projects by improving Requirements Management with Visure Requirements

SUMMARY

Thanks to the flexible and powerful Visure Requirements solution and implementation together with ImproveIt Oy, EKE-Electronics has been able to significantly improve the Requirement Engineering Process and coordination among different teams (Sales, Design, Quality Management, etc…). EKE is now able to respond to customer requests and tenders quicker and more accurately, while maintaining control of the related product specifications.

CLIENT:
EKE-Electronics Ltd.

SECTOR:
Industrial automation

KEY NUMBERS:
3 months duration
12 people trained

THE CHALLENGE

As a leading supplier of intelligent train systems, EKE-Electronics operates in an environment where it needs to **balance responsiveness to new customer needs with the life-cycle cost of the installed base**. At the same time, the industry sector is faced with **increasing regulatory requirements** driven by e.g. standardization, safety, or environmental concerns.

The previous, document-based, requirement process was clearly inefficient, error-prone, and not able meet the growing demands. **Visure Requirements offered complete set of functionality that best served the objectives of different user groups at EKE-Electronics**, providing a solid foundation for the pilot project and beyond.

BENEFITS

- Role-based user access and views

- Quick import and export of requirements

- Powerful reporting and metrics

- Complete end-to-end traceability

- Supports complex scenarios (hierarchy, multi-type Requirements)

- Complete configuration management

- Supports definition of test scenarios and linking them with requirements

- User-definable workflows for each type of items

"Visure Solutions and ImproveIt have proved to be great partners during our pilot project. They have clearly understood our needs and then moved forward in a thorough and professional manner while implementing those needs with the Visure Requirements solution and customized training.

Now with Visure Requirements we are already experiencing the benefits of an improved Requirements Definition and Management process in new customer projects. And we expect even larger impacts in the future as our implementation expands."

Jari Kokkonen
R&D QA Manager
EKE-Electronics Ltd.

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SOLUTION

The solution selected by EKE-Electronics, **Visure Requirements, is one of the most complete and recognized Requirements Definition and Management (RDM) tools on the market, covering all the critical activities required in this area**, such as requirements and tests management, visual modeling (UML and functional), two-way importing and exporting for Office tools (MS Word and MS Excel), change requests management, metrics and dashboards.

This highly flexible and powerful tool replaced the previous document-based solution and was implemented – with the help of ImproveIt – specifically to offer better support to each of the practices related to the existing EKE-Electronics project model throughout the entire development lifecycle.

The Visure Requirements implementation project was divided into several phases:

- Installation of the tool and IT environment setup
- Initial configuration of the tool (users and groups)
- Migration of existing documents
- Workshop for new RE process
- Final tool configuration
- End-user training
- Production use

The Visure Requirements solution was integrated to support the sales, customer requirements, and system specification activities within EKE-Electronics. The company is now ready to expand the solution into module specification and test management areas, and estimates that in the future the solution will have more than 50 users throughout EKE-Electronics.

RESULTS

The implementation of the Visure Requirements solution at EKE-Electronics led to **improved efficiency and correctness in the Requirements Management of customer projects**, getting rid of the discrepancy between how the sales organization responds to tenders and what is being developed by the R&D department. EKE-Electronics now has critical parts of the development cycle supported by tools that make it effective, storing information about each project in a single, centralized and controlled repository.

In the future, in order to continually improve its processes, EKE-Electronics intends to monitor how Visure Requirements is used and to **implement mechanisms to further enhance the user experience**. As such, EKE is counting on Visure Solutions and ImproveIt to give all the support needed for this and other challenges, strengthening the successful partnership that the three companies have forged in this area.

EKE ELECTRONICS
smarter trains

ABOUT EKE-ELECTRONICS

EKE-Electronics Ltd. is a leading, world-wide supplier of intelligent train systems. Our product portfolio includes Train Management Systems, Communication Networks and Gateways, Event Recorders, User Interface Displays and other intelligent solutions that make trains more comfortable for passengers and more profitable for operators. Our particular strength is a flexible IP-train concept that can be customized to specific operator needs.

www.eke.com

ImproveIt

ABOUT IMPROVEIT OY

ImproveIt is an authorized reseller of Visure Solutions in Finland. In addition to leading technology solutions, we provide training, consultancy and customized solutions that complement the product offerings.

ImproveIt Oy, founded in 2007, is an independent solution and consultation company specializing in improving requirements management and the full development lifecycle for demanding customers. ImproveIt has long experience of working with high-tech industry and with leading solution vendors for requirements management and ALM.

www.improveit.fi

ABOUT VISURE SOLUTIONS

Visure Solutions, the Requirements Lifecycle Management Company, is the market leader in Requirements Definition & Management. Through its Requirement Lifecycle Management platform, Visure offers specialized and innovative solutions that enable its customers to develop the highest-quality products, systems and services. Visure's quality, state-of-the-art features and benefits are endorsed by the world's leading organizations. Visure's team has a unique and profound experience in the development and implementation of requirements solutions.

www.visuresolutions.com