

## ► Thomson Polska

“With SSA<sup>®</sup> EAM, Thomson can now control its machinery and labor costs while better planning and scheduling all necessary maintenance activities.”

— ANDRZEJ J. GALIK, MANAGER OF INFORMATION SERVICES, THOMSON POLSKA



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## ► immediate business benefit.

### Business Issues

Thomson Polska lacked preventative maintenance scheduling and follow-up. The company also had difficulty valuing the real costs of maintenance which resulted in non-compliance with ISO maintenance procedures. To resolve these problems, the company realized that it needed an enterprise asset management solution.

Because Thomson is an existing SSA Global customer running SSA BPCS® (Business Planning and Control System) as its core ERP system, the company decided to implement SSA Global's Enterprise Asset Management solution for easy and quick integration and potential for immediate business benefit.

### The Company

Thomson is a global leader in media and entertainment imaging solutions, distributing products under the Technicolor®, Grass Valley®, THOMSON and RCA® brand names. A longstanding world leader in the development and manufacture of high-quality television cathode-ray tubes, Thomson is #2 in television tube manufacturing for large and very large screens. These tubes are produced at five plants located in Italy, Poland, China, Mexico, and the United States. The facility in Piaseczno, Poland, has 6,000 employees, and also manufactures components such as glass, deflection yokes, electron guns, shadow masks, metal parts and more.

### What's Critical

As a leading competitive producer of high-quality television cathode-ray tubes, Thomson Polska lacked preventative maintenance scheduling and follow-up that created problems in understanding and tracking repair costs.

company	Thomson Polska
solution	SSA Enterprise Resource Planning
product	SSA Enterprise Asset Management
platform	IBM® iSeries® AS/400® version 5.1
database	DB2; Oracle®; Microsoft® Windows
industry	Electronics
customer revenue	1 billion US\$ (800 million Euro)
employees	6000
country	Poland

With time to market extremely important to Thomson Polska and other electronics companies, improving preventative maintenance scheduling was critical. With its former systems, the company also had difficulty valuing the real costs of maintenance which resulted in a non-compliance with ISO maintenance procedures. As an existing SSA Global customer already using SSA BPCS, it was decided to move to SSA Global's EAM solution. The solution would easily connect with SSA BPCS, and the integration of both products would replace and further extend the small and simple in-house application they already were using. Implementing SSA EAM would also achieve ISO 9002 compliance.

### Finding the Right Solution

Thomson Polska implemented SSA EAM based in part on the recommendation of ISA P.U.P. SP. Z.O.O, an SSA Global affiliate in Poland. ISA P.U.P. SP. Z.O.O recommended SSA EAM because it would facilitate a quick and easy integration into the core SSA BPCS platform. SSA EAM interfaces with Reflection, and Microsoft Windows. Also, an inhouse data warehouse and reporting system, based on Business Objects and Oracle, was developed to

post various operating reports on Thomson's local intranet. The system is built to automatically refresh three times daily. Five modules of SSA EAM have been implemented addressing equipment tracking, preventative maintenance control, component tracking, maintenance cost tracking, and word order scheduling and control. Spare parts warehousing and purchasing is done in SSA BPCS via an online interface.

### Increase flexibility and workforce productivity

SSA EAM is implemented on an IBM eServer iSeries (IBM AS/400). The first implementation phase consisted of basic part of the system: machines, components and locations; preventative maintenance scheduling, corrective maintenance, equipment tracking and history. The second phase involved the implementation of the other features: inventory, materials and parts purchasing, parts and labor costing, parts tracking and history.

The reliability and stability of the server and the database associated with the modular structure of SSA EAM contributed to a smooth implementation.

“SSA EAM is now used by 460 employees and covers all business aspects of production and infrastructure for the entire Piaseczno site.”

—ANDRZEJ J. GALIK, MANAGER OF INFORMATION SERVICES, THOMSON POLSKA

## ► increase flexibility and workforce productivity

### **Making it Pay**

SSA EAM has helped Thomson Polska achieve a number of important business benefits.

**Business Process Improvements.** The company can now view all information about machinery and associated service information in one place, according to Galik. Since this information is electronically generated, the data is always available in graphical format and can be monitored by all levels of management at any time. The system is mostly used for preventative maintenance, which has significantly decreased and continues to lower the number of emergency interventions.

**Higher Productivity.** The company experiences fewer production breakdowns, a lower total cost of ownership, and shorter shutdowns due to preventative tasks. Costs of maintenance for spare parts, used materials and outsourced labor are easily calculated and monitored.

Finally, Thomson's flexibility and productivity in workforce management has increased.

**Operational Efficiency.** With SSA EAM, 460 users are aware of their daily preventative tasks and have clear visibility in terms of short-term work orders, spare parts and other materials availability. They also have the ability to check the history of each machine, thus facilitating preventative maintenance.

Other benefits for Thomson include: the wide field-level security, the user-defined field possibilities, the availability of application source for system customization, and improved communication between production and maintenance personnel.

"With SSA EAM, Thomson can now control its machinery and labor costs while better planning and scheduling all necessary maintenance activities," said Galik.

### **Forward Faster™ - Into the Future**

Thomson now aims to continue increasing productivity. This involves shortening the time between customer order and product delivery, allowing Thomson to achieve the #2 spot in television tube production by both volume and quality. SSA EAM, which will soon be implemented in a new division of Thomson Polska, has clearly helped in allowing the company to gain competitive advantage, thus contributing to Thomson's growth in the television tube market.

### **about SSA Global**

SSA Global™ is a leading provider of extended enterprise resource planning (ERP) solutions for manufacturing, services, and public organizations worldwide. In addition to core ERP applications, SSA Global offers a full range of integrated extended solutions including corporate performance management, customer relationship management, product lifecycle management, supply chain management and supplier relationship management. Headquartered in Chicago, SSA Global has 121 locations worldwide and its product offerings are used by more than 13,000 active customers that represent market-leading companies in over 90 countries. For additional information, visit the SSA Global web site at [www.ssaglobal.com](http://www.ssaglobal.com).



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