



## SUCCESS STORY

# HIGH-TECH SUPPLIER KGM USES ADICOM® SOFTWARE SUITE

KGM Geräte- und Maschinenbau GmbH, a system provider for the high-tech industry, plans to use the Adicom Software Suite to optimize its production processes and their coordination with a new advanced planning and scheduling system and shop floor data collection. In addition, the company will make its staff planning capabilities more flexible with the help of the Personnel Time Recording component of Adicom's MES (Manufacturing Execution System) solution.

### The Challenge

In introducing Adicom Advanced Planning and Scheduling (APS) and Adicom Shop Floor Data Collection (SFDC), KGM intends to consistently optimize its production process. The company wants to plan and coordinate production orders from existing and new customers in the best possible way. The products that the system provider delivers to customers generally have a high manufacturing depth, so the machine changeover times are high. For this reason, it is important for KGM to optimize the production process across the entire supply chain.

### The Adicom Solution

An interface will connect Adicom APS to the ERP system, allowing the company to coordinate its production directly with the leading processes in production planning and control. Rough planning of the production orders, job sequence and material inspection are specified by the ERP system. Detailed planning and resource control are then carried out by the APS system. With Adicom SFDC, KGM can access current planning data in order to simulate various planning alternatives and

compare them with one another. Any number of scenarios can be stored. In the event of a production change, KGM can select the appropriate scenario and immediately apply it to production as the new production plan. This allows the company to plan more reliably in the long term and supply its customers on schedule.

Adicom Time Recording will record the work times of all employees using recording terminals in a largely automated fashion and then make this data available for further processing with the evaluation tools of the Adicom Software Suite. These will allow managers and staff in the HR department to efficiently plan shift schedules or HR requirements based on the attendances and absences of individual employees stored in the system. KGM can thus make its entire personnel administration more transparent in the future while also considerably reducing process costs.



*"The Adicom Software Suite will soon provide us with a sophisticated, integrated MES solution. It will allow us to efficiently plan our production orders in great detail, streamline our personnel administration in the long term and ensure personnel coverage in production at all times,"* says Gerald Schneider, Production Manager of KGM Geräte- und Maschinenbau GmbH.

#### About KGM Geräte- und Maschinenbau GmbH

KGM Geräte- und Maschinenbau GmbH, based in Kaufbeuren, Germany, is a high-performance, customer-focused and quality-conscious system provider for the tool and machine construction, sensor technology and metrology high-tech industries.

EN9100 certification for aviation and aerospace, including DIN EN ISO 9100:2000, enables KGM to offer sophisticated, end-to-end metal processing solutions and thus meet its customers' high demands in quality. The company based in the Allgäu region emerged in 1982 from Olympia Werken and today employs 140 people.

