

**IBM Customer Reference**

## *Frequentis Nachrichten GmbH*

**Synopsis:** *Information systems company implements IBM Rational RequisitePro and IBM Rational SoDA to gain control and efficiency in its requirements gathering, tracking and reporting processes, improving efficiency and time-to-market*

**Location:** Vienna

Austria

**Industry:** Aerospace & Defense  
Travel & Transportation

**Focus Area:** Small & Medium Business

**URL:** <http://www.frequentis.com>

**Customer Background:**

Frequentis Nachrichten GmbH develops communication and information systems for safety-critical industries. With a market share of 30 percent in the field of voice communication for air traffic control, the Austrian high-tech company has become the world's market leader in this sector. The superior technology and usability offered by its systems are also used in public safety (for rescue, police, fire-fighting and shipping operations), Tetra digital mobile radio-communications, railways and public transport. Frequentis employs more than 550 people in Austria and its global branches. In 2002, the company achieved a turnover of €90 million.

**Business Need:**

For Frequentis, managing user requirements during software development is a critical business issue. Requirements must be stringently managed and maintained in order to meet customer needs and gain necessary industry certifications, including Functional Hazard Assessment, FMEA, FMECA and so forth.

Frequentis had struggled with different requirements processes and documents, using Microsoft Word, spreadsheets and various ever-changing processes. This situation led to interface problems and tracing issues. In order to improve time-to-market and avoid wasted labor, the company needed to find a unified method to handle all of its different requirements and requirement types.

**Solution:**

Frequentis decided to implement IBM Rational RequisitePro and IBM Rational SoDA to organize and improve its processes. Rational RequisitePro provides an easy-to-use interface and tracking system for recording and managing requirements. Rational SoDA generates up-to-date reports to facilitate certification compliance.

Two teams, consisting of up to 12 simultaneous users, work with the Rational solution. The Rational software runs on Microsoft Windows 2000 and Microsoft XP platforms. Rational SoDA integrates with Microsoft Word 2000 and XP for easy generation and management of reports.

The new solution affects development of numerous types of applications at Frequentis, including tower and airport tools, air traffic control network infrastructure, touch entry devices and MFC terminal maritime systems.

**Benefits of the Solution:**

The new Rational solution provides efficient and effective tracing and reporting of requirements, a necessity for proper certifications. Frequentis is also saving time and money by reducing the time required to write and update documentation, as well as eliminating much of the printed communication that was previously necessary.