



HIMA Announces Innovations at ACHEMA 2009

HIMA's Latest HIMax Safety System Receives Enhancements: HIMax Customers Praise Its Benefits

On April 17 2009, HIMA, a leading designer and manufacturer of safety automation solutions, announced the most recent improved features for HIMax, its latest safety system.

The enhanced HIMax system is now available with a comprehensive I/O range, which includes digital input modules with 64 channels that enable a more compact rack configuration. The HIMax system also features a new counter module and analogue output modules. Therefore, one single HIMax system is applicable to all process industry safety applications - such as ESD, BMS, F&G, HIPPS and TMC.

In addition, HIMax electronic modules are now given a protective coating as standard at no additional cost. This protective tropicalisation coating allows for HIMax to be used in extreme atmospheric conditions, such as dust, humidity and noxious gases. The coated HIMax system can exceed the noxious gas concentration limits by a factor of two, as defined by ANSI/ISA-S71.04, to G3.

HIMax is the first safety system in the world that allows for the uninterrupted operation of process plant throughout its entire lifecycle. It was launched at the Hanover Trade Fair in May 2008, and introduced worldwide in October 2008. After almost a year of operations, HIMax received very positive feedback from HIMA's customers.

The high level of plant availability is a particular advantage, according to Otfried Kurz, service area plant engineer and reliability manager at Ineos Vinyl

Deutschland GmbH, "The new safety control system guarantees the maximum level of availability. Whether it is a hardware or software upgrade, or just a routine maintenance, HIMax doesn't need to be shut down".

Peter Grandl, electronic, control and measurement technician for chlorine production at Vinnolit GmbH & Co. KG Burgkirchen, believes the integration possibilities of the control system are very advantageous, "HIMax was easily integrated into the ABB Freelance process control system, thanks to HIMax's standard communication of PROFIBUS-DP".

Lutz Droß, control technology specialist from Evonik Degussa GmbH, sees a major benefit in the user-friendly SILworX, the fully integrated configuration, programming and diagnostic tool for HIMax. "SILworX offers total graphic drag-and-drop programming. This enormously simplifies the engineering task".

HIMax is based on HIMA's revolutionary "Nonstop XMR" technology. This combines the SIL 3 safety technology with a scalable and fault tolerant architecture that eliminates false alarms and allows changes, modifications, upgrades, improvements and even proof tests during ongoing plant operations. HIMax offers flexible system architecture, different rack sizes, different installation and wiring concepts, as well as the possibility for centralised and decentralised applications. It can be cost-effectively adapted to meet all application requirements and achieve greater efficiency.

About HIMA

HIMA is the world's leading designer and manufacturer of automated safety solutions in the process industry.

HIMA solutions can be found in more than 80 countries around the world, protecting people and keeping plants, factories and buildings operating safely and without interruption.

What distinguishes HIMA solutions from the rest is the combination of maximum safety and maximum availability. Through permanent safety and uninterrupted operation, HIMA's clients are able to achieve their business goals. HIMA solutions are based on practical and focused safety consulting, broad application experience, a comprehensive product range and the ability to successfully integrate safety solutions into almost any automation environment.

All HIMA systems and solutions comply with the latest international and local safety standards like IEC 61508 and IEC 61511, EN 954, EN ISO 13849 and are suitable for SIL 3 and even SIL 4, Cat. 4 and PL e applications.

Further information about HIMA can be found online at **www.hima.com.au**