

IT-Security for Process Control A3 (DKE)

Hannover Messe 2005
Forum Interkama+ 2005
13.4.05, 10.00..11.00
Program and Introduction

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Overview

Ehrenberger, FH Fulda: Welcome, Introduction of the members of the Panel, importance of the subject

Wartmann, Endress + Hauser, Basel: IT-Security for Process Control, Field devices, Services and Maintenance

Gruner, Siemens, Nürnberg: Communication between Production Cells

Velten-Philipp, TÜV-Rheinland, Köln, Filtering of Write Commands in HART Applications

Weinand, BSI, Bonn: ISO 15 408, Common Criteria,

Audience: Problems and Questions, Discussion

Brief report about standardization efforts of the IEC

Introduction

Computers get connected
within one plant, between plants
manufacturer, customer, maintainer

Intended: remote monitoring, control, maintenance;
saving costs,
responding quicker to customer needs

Dangers: attacks from other computers; e.g. via internet, by terrorists
competitors, kiddies, ...
falsified orders, falsified control commands,
loss of production,
damage of the control system, damage of the plant,
pollution of the environment,
...

Needed: International standard in this area

IEC/DKE, individual companies
are working on this problem; reports on related aspects follow