

# **ABMI Control and Safety** **16/11/2009**

## **TC06 – Automation**



- **Design of the safety related parts of control-systems based on EN ISO 13849**
  - **Comprehensive solutions (electric, mechanic, pneumatic, ... )**
- **Validation and documentation according to EN ISO 13849**
- **According to EN ISO 13849, documentation features Performance Level (PL) based evaluation.**
  - **A comparison between PL and SIL (Safety Integrity Level related to EN 62061) is available**



- **The customer obtains the necessary documents according to the norms**
- **Safety-logic and machine-logic are separated**
- **While safety solutions may differ machine to machine according to equipment complexity, the same safety level / same technical solutions are provided worldwide for a given machine or line**