

# ABB Review 1/2009

## Elements of productivity

### Partnership and productivity

**6**

#### Service from afar

SOS! Malfunctioning robots can now call for help on their own thanks to ABB's Remote Service.

**9**

#### Partners in technology

Collaboration and teamwork are helping companies get to the finish line faster.

**15**

#### Data, not paper

Moving from paperwork to real productivity: cpmPlus Enterprise Connectivity is transforming the shopfloor.

**20**

#### Effective maintenance

ABB's Asset Monitor for IMCS has its eye on one company's maintenance practices.

**26**

#### Socially interactive devices

A device-centric approach to service: Have you talked to your device lately?

**34**

#### What is reliability?

There is a way to prevent reliability from becoming a real liability.

**38**

#### Outperforming excellence

A Solvay Indupa site asked for excellence and got even more.

**43**

#### Rolling models

ABB is rolling out a new role model for sheet metal.

**49**

#### Doing more with less

Trying times require technologies and services that solve problems faster and with fewer resources.

**54**

#### Simply the best

Process industries are adding up the benefits of mathematical optimization.

### Productivity solutions

### Maintenance for productivity

**30**

#### The ladder to success

Consult this article to learn how ABB's risk-based inspection process is reducing costs.

**60**

#### Finishing touch

A new non-laser paper measurement caliper is quantifying the plane-ness of paper.

6



**63**

### Green robots

From orange to green: Robot-based automation is enabling energy efficiency in the plastics industry.

**68**

### The robotized field operator

ABB presents a sophisticated solution to a crude problem.

**74**

### Tanking along

Electric propulsion brings a sea of change to LNG tankers.

**80**

### Keep on running

ABB's multifunctional field instrumentation requires no regular pit stops.

**86**

### Pure improvement

Plants are casting aside wastefulness to beat the discarding of waste.

34



68



92



## Perpetual pioneering

**92**

### Compact and reliable

Switching gears through the years: ABB reviews its history of GIS.