

ABB Review 4/2009

Pathways to innovation

Awards and innovations

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An innovative 2009

Celebrating the power of innovation, ABB Review looks at 12 great ideas that became realities in 2009.

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No gears required

The driving force behind an award-winning revolutionary innovation is making headlines in the paper industry.

Powered by innovation

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New power under the sun

There's certainly no shortage of sunlight in the world's deserts, but who ever thought of exporting it? Solar generation and power superhighways could deliver tomorrow's energy to the world.

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From light to power

Photovoltaic arrays are getting connected! ABB's PVS 800 solar converter is helping them plug in to the grid and connect to control systems.

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Under pressure

Half a league under the ocean and in a league of its own: ABB presents a transformer for the ocean floor.

Innovation in production

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Unlocking stranded information

Staying connected hasn't always been easy, but stranded fieldbus devices can now take HART with ABB's new WirelessHART™ transmitter.

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Innovation in action

Turning the page in the paper industry: An age-old product gets a boost from a state-of-the-art optical sensor.

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Dexterous and articulate

Modeled on the human arm and optimized to handle small components: The IRB 120 and its matching IRC5 Compact controller are lending a hand to production.

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The extended-reach robot

Reaching out further to fulfill customer needs: The new IRB 2600 has a longer reach and sets a record in speed, accuracy, compactness and mounting flexibility.

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Refined integration

Refining the refinery: System 800xA with IEC 61850 integrates process and power automation.

Innovation on the move

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Cruise control

ABB's Propulsion Condition Management System means cruise ships can steer well clear of trouble.

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Propelling ahead

Azipod XO™, the new generation of Azipod™, is pushing ships ahead in terms of safety, maintainability and reliability.

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High-speed transformation

The Velaro high-speed train is transforming travel, while ABB is transforming the train's power.

Innovative connections

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A plug for simplicity

ABB's new X-Plug™ technology is untangling switchgear cabling.

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One ABB on the Web

A flexible ABB web platform means customers are never more than a click away from the information they need.

