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First On-Machine Controller From Rockwell Automation Simplifies
System Architecture, Saves Panel Space

*Allen-Bradley Armor GuardLogix PAC offers multidisciplined control
in a hardened, on-machine package*

SINGAPORE – 27 January 2014 – Manufacturers and equipment builders are looking to simplify their machine architectures and reduce the system footprints. With the release of the Allen-Bradley Armor GuardLogix programmable-automation controller (PAC), Rockwell Automation now provides users with a high-performance, multi-disciplined control in a controller that can be installed directly on-machine.

The Armor GuardLogix PAC joins a growing portfolio of On-Machine solutions from Rockwell Automation that move the industrial controls and hardware closer to the application or onto the machine, minimising the number of components in the cabinet. This reduces wiring time whilst helping increase uptime as maintenance and repair is made faster with pre-configured, quick connect systems and simplified wiring layouts.

The Armor GuardLogix PAC is IP67, SIL 3, PL(e), CAT 4 rated with 4 MB of application-code storage space, with two full-featured EtherNet/IP device-level ring (DLR) capable connections.

“With this controller, manufacturers can tap the power of our information-enabled Integrated Architecture system in a simple-to-use, but fully loaded on-machine controller,” said Geoff Sieron, Product Manager, GuardLogix Controllers, Rockwell Automation. “Additionally, as manufacturing-control systems evolve, our customers are replacing aging equipment with simplified systems. Quick-connect cabling greatly streamlines system wiring so the system is easier to install, troubleshoot and

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maintain. This can be especially crucial to machine and equipment builders looking to improve time-to-market, testing and commissioning.”

The Armor GuardLogix PAC provides access to the controller-mode switch, USB port, secure-digital (SD) card and power-supply switch, along with 24V DC power pass-through to supply power to other On-Machine products. This feature allows power to be routed from one machine device or module to another, eliminating the need for a power supply for each device and simplifying the overall system architecture. Innovative mounting tabs can be rotated vertically or horizontally, giving users flexibility on where and how the product can be mounted. The controller is programmed in the Rockwell Software Studio 5000 design and engineering environment.

Armor GuardLogix controllers are available for purchase from local Rockwell Automation sales offices and distributors.

About Rockwell Automation

Rockwell Automation Inc. (NYSE: ROK), the world's largest company dedicated to industrial automation and information, makes its customers more productive and the world more sustainable. Headquartered in Milwaukee, Wis., Rockwell Automation employs over 22,000 people serving customers in more than 80 countries.

For more information:

- GuardLogix controllers:
<http://ab.rockwellautomation.com/Programmable-Controllers/GuardLogix-Controllers-with-Safety>
- On-Machine solutions:
<http://www.rockwellautomation.com/products-technologies/on-machine-solutions/overview.page>
- Armor GuardLogix controller image:
<http://flic.kr/p/jbzcQY>
- Armor GuardLogix video:

http://embed.vidyard.com/share/1XRJcWF60bNy4dZn5_NS3w

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