



FH MONDAY

4 January 2016

Has the sun set on 3D TV and RFID?

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Intel Corp. has finally closed its largest acquisition to date, the \$16.7 billion deal to buy Altera Corp., a programmable logic vendor.

Intel said Altera would operate within Intel as a new business unit called the Programmable Solutions Group.

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Novel approach to solar power yields energy 24/7

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PTC to buy software dev't company for \$100M

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Synopsys acquires static source code analysis provider

Synopsys Inc. has acquired a privately held Australian-based software company that offers static source code analysis tools for minimising security vulnerabilities, improving code quality, and ensuring compliance with industry coding standards.

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Has the sun set on 3D TV and RFID?

Operatively defined, the success of a technological product largely depends on its market uptake, the sustained demand and the long-term growth trajectory in terms of product developments and expanding market share. Now, Bill Schweber thinks back to some mass-market predictions that turned simply into niche market curiosities.

As the year draws to a close it is customary for bloggers (formerly known as columnists) and pundits to look back and cite what they think were the (choose one or more) best, worst, most innovative, most exciting products and developments of the past year, and attempt to predict the future. It's also the season of the Consumer Electronics Show (CES) where hope and hype combine to show us what the future may look like or maybe not.

Intel-Altera acquisition finally reaches conclusion

Intel Corp. has finally closed its largest acquisition to date, the \$16.7 billion deal to buy Altera Corp., a programmable logic vendor.

Intel said Altera would operate within Intel as a new business unit called the Programmable Solutions Group. The group will be headed by Dan McNamara, an 11-year Altera veteran who most recently served as VP of Altera's embedded division.

John Daane, Altera's long-tenured chair, president and CEO, plans to remain with Intel for a short time to assist with the transition and then leave Intel to pursue other interests, according to an Altera spokesman.

Novel approach to solar power yields energy 24/7

Researchers are proposing a new "hydricity" concept aimed at creating a sustainable economy by not only generating electricity with solar energy but also producing and storing hydrogen from superheated water for round-the-clock power production.

"The proposed hydricity concept represents a potential breakthrough solution for continuous and efficient power generation," said Rakesh Agrawal, Purdue University's Winthrop E. Stone distinguished professor in the school of chemical engineering, who worked with chemical engineering doctoral student Emre Gencer and other researchers. "The concept provides an exciting opportunity to envision and create a sustainable economy to meet all the human needs including food, chemicals, transportation, heating and electricity."

Hydrogen can be combined with carbon from agricultural biomass to produce fuel, fertiliser and other products.

PTC to buy software dev't company for \$100M

PTC has entered a definitive deal to acquire Kepware, a software development company that offers communications connectivity to industrial automation environments. The agreement is valued at about \$100 million, plus up to an additional \$18 million based on achievement of certain strategic initiatives and financial results.

The acquisition will enhance PTC's portfolio of Internet of Things (IoT) technology, and accelerate the company's entry into the factory setting and Industrial IoT (IIoT).

Founded in 1995 and located in Portland, Maine, Kepware serves customers in more than 120 countries in such industries as manufacturing, oil and gas, building automation, and power and utilities. The company's flagship product, KEPServerEX, connects disparate devices and control systems, providing users with a single source of industrial data.

Synopsys acquires static source code analysis provider

Synopsys Inc. has acquired a privately held Australian-based software company that offers static source code analysis tools for minimising security vulnerabilities, improving code quality, and ensuring compliance with industry coding standards. The acquisition of Goanna Software provides Synopsys' Software Integrity Group with additional talent, technology and products that expand the company's presence in the emerging software quality and security market, support its vision of bringing a rigorous software sign-off process to software development, as well as increase its presence in Australia and the broader APAC region, the company indicated.

Goanna Software's highly extensible technology will be used to augment Synopsys' Coverity product, the static code analysis solution at the core of its Software Integrity Platform. With minimal integration effort, Goanna Software's technology will accelerate improvements to Coverity's analysis capabilities and expand its out-of-the-box security and quality coverage