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Japan to Hack 200 Million IoT Devices

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Nokia Bets it All on 5G

Watch Nokia Corp. The communications and networking equipment manufacturer is for the umpteenth time on a bold but perilous redemption journey. Years from now, industry analysts, academics, and competitors will look back at this time and see a company that either burnished its reputation as a master of reinvention or failed to find its way out of the fog.

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Huawei Was No. 3 Chip Buyer in 2018

SAN FRANCISCO — Huawei, the controversial Chinese vendor of networking gear and smartphones, increased its semiconductor spending by 45% last year to move into the third position among global chip buyers,

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TALK TO US



Fog, Edge Networks Merge in IoT

Recent developments in the fog-edge ecosystem will result in a much stronger architectural vision for how processing, networking and storage functions are integrated deeply into higher performing and more efficient, secure and profitable IoT systems.

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Apple Rallies on Services Growth

Shares of Apple rallied in after-hours trading after the company reported that fourth quarter services revenue surged 19% to set an all-time high of \$10.9 billion. Apple — as it had warned early this month — missed its fourth quarter sales target on weakness in China. But the company delivered a fourth quarter forecast that exceeded Wall Street's expectations.

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Japan To Hack 200 Million IoT Devices

The government's plan to hack IoT devices already installed in Japan is likely to expose the uncomfortable truth known to many experts but unknown to most consumers: Many IoT devices in use are vulnerable to cyberattacks.

In mid-February, the Japanese government plans to start openly hacking more than 200 million IoT devices already installed at home and elsewhere in Japan.

The government's plan — announced a week ago — is likely to expose the uncomfortable truth known to many experts but unknown to most consumers: Many IoT devices in use are vulnerable to cyberattacks.

Insecurity in IoT is triggered by many factors — including consumer indifference and inaction. Too often, consumers don't bother to change the initial settings in an IoT device after purchase and installation. Second, peer-to-peer communication among IoT devices, by nature, remain unchecked and unsupervised. Third, service providers aren't doing automated updates of firmware frequently enough.

Nokia Bets it All on 5G

Watch Nokia Corp. The communications and networking equipment manufacturer is for the umpteenth time on a bold but perilous redemption journey. Years from now, industry analysts, academics, and competitors will look back at this time and see a company that either burnished its reputation as a master of reinvention or failed to find its way out of the fog.

What's clear today is that Nokia is taking radical steps to reposition itself in the business world, as it has already done several times in its 150-year history. Having jettisoned the mobile handset business and undertaken a series of strategic acquisitions, including the purchase of Alcatel-Lucent, Nokia is betting the farm on 5G, a nascent technology with the potential to serve a larger customer base, create new revenue streams, and afford the company the stability it has sought for a decade.

Huawei Was No. 3 Chip Buyer In 2018

SAN FRANCISCO — Huawei, the controversial Chinese vendor of networking gear and smartphones, increased its semiconductor spending by 45% last year to move into the third position among global chip buyers.

Huawei spent more than \$21 billion on semiconductors in 2018, moving it ahead of Dell on the chip buyer list, despite the U.S. PC vendors own 27% surge in chip spending, Gartner said.

Huawei's move up the chip buyer list underscores one of the dilemmas facing Western chip makers. As governments in the U.S. and Europe ramp up their rhetoric and against Huawei's perceived threats to security and intellectual property, the firm is at the same time becoming a more important customer.

Other Chinese OEMs joined Huawei among the top buyers of semiconductors last year. In all, Gartner said four Chinese firms were among the world's top 10 buyers of chips last year — Huawei, Lenovo, Xiaomi and BBK Electronics, which includes both Vivo and OPPO.

Fog, Edge Networks Merge in IoT

Recent developments in the fog-edge ecosystem will result in a much stronger architectural vision for how processing, networking and storage functions are integrated deeply into higher performing and more efficient, secure and profitable IoT systems.

Fog computing takes the advantages of the cloud in IT/OT/IoT networks and brings them closer to the ground. In fog, the computation, networking and storage capabilities of the cloud move physically and logically closer to the IoT endpoints.

Edge computing is a similar concept. The strategic advantage of both edge and fog entails moving computing closer to IoT endpoints. This enables IoT networks with better latency, bandwidth efficiency, security, reliability and cost of ownership.

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Apple — as it had warned early this month — missed its fourth quarter sales target on weakness in China. But the company delivered a fourth quarter forecast that exceeded Wall Street's expectations.

But a fair amount of the focus from Apple executives and analysts focused on the increase in services revenue and growth in Apple's active installed base, which also set a new record at 1.4 billion at the end of December, an increase of 8% from a year earlier.