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Fujitsu. Together
we can change
the world

Manufacturing

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Great work leads to great references

We co-create with our Manufacturing customers, working together to enable their vision.

What others say about us is infinitely more persuasive than anything we could say ourselves, that's why we've selected these ten case studies that showcase our joint success with our customers.

Your vision and Fujitsu.
Together we can change the world.



“ Fujitsu delivered a reliable Azure infrastructure with better data analytics and information, enabling a more efficient collaboration. ”

Outi Anttila
Head of Core Services
Orion Corporation

Orion Corporation

Orion wanted to establish a new cloud-based Data Science Workspace solution and chose Fujitsu to build and manage the Microsoft Azure infrastructure

Challenge

Required a partner to build a dedicated infrastructure for Data Science Workspace, which handles data sharing and analysis for research and development.

Solution

Microsoft Azure-hosted, scalable R&D platform for the exploration of real-world use cases.

Outcomes

- Scalable computing resources for data analysis.
- Potentially life-saving medications can reach patients more quickly.
- Repetitive manual work has been reduced.
- Orion only pays for what it uses, with no upfront investment.
- User-friendly and integrated tools can scale to meet demand.



“ Fujitsu’s implementation of the Nuvolo platform brings us one step closer to becoming a truly smart enterprise, allowing us to proactively fix tools before they break, increasing availability while reducing costs. ”

Imre Bajnóczi
Engineering Manager
Nilfisk

Nilfisk

Enabling accurate asset management

Challenge


Nilfisk relied on disparate spreadsheets to monitor the location and condition of thousands of on-loan tools. This led to time-consuming data entry, duplication of effort and a lack of real-time visibility across its inventory. It needed a flexible asset management solution to streamline its supply chain.

Solution

Deployment of Nuvolo, an Enterprise Asset Management platform, which provides a seamless digital workflow and a single system of record, and integrates with its existing ERP and service desk platforms.

Outcomes

- Track the location and condition of tools in real time, enabling better customer service.
- Predictive maintenance ensures maximum uptime and productivity.
- Total visibility of inventory and richer data enables smarter decision-making.



“ Courtesy of Fujitsu's smart planning and management, we are saving up to \$20k per month. ”

Chris O'Neil
VP Information Technology
Emerald Performance Materials

Emerald Performance Materials

Boosting agility for improved performance

Challenge

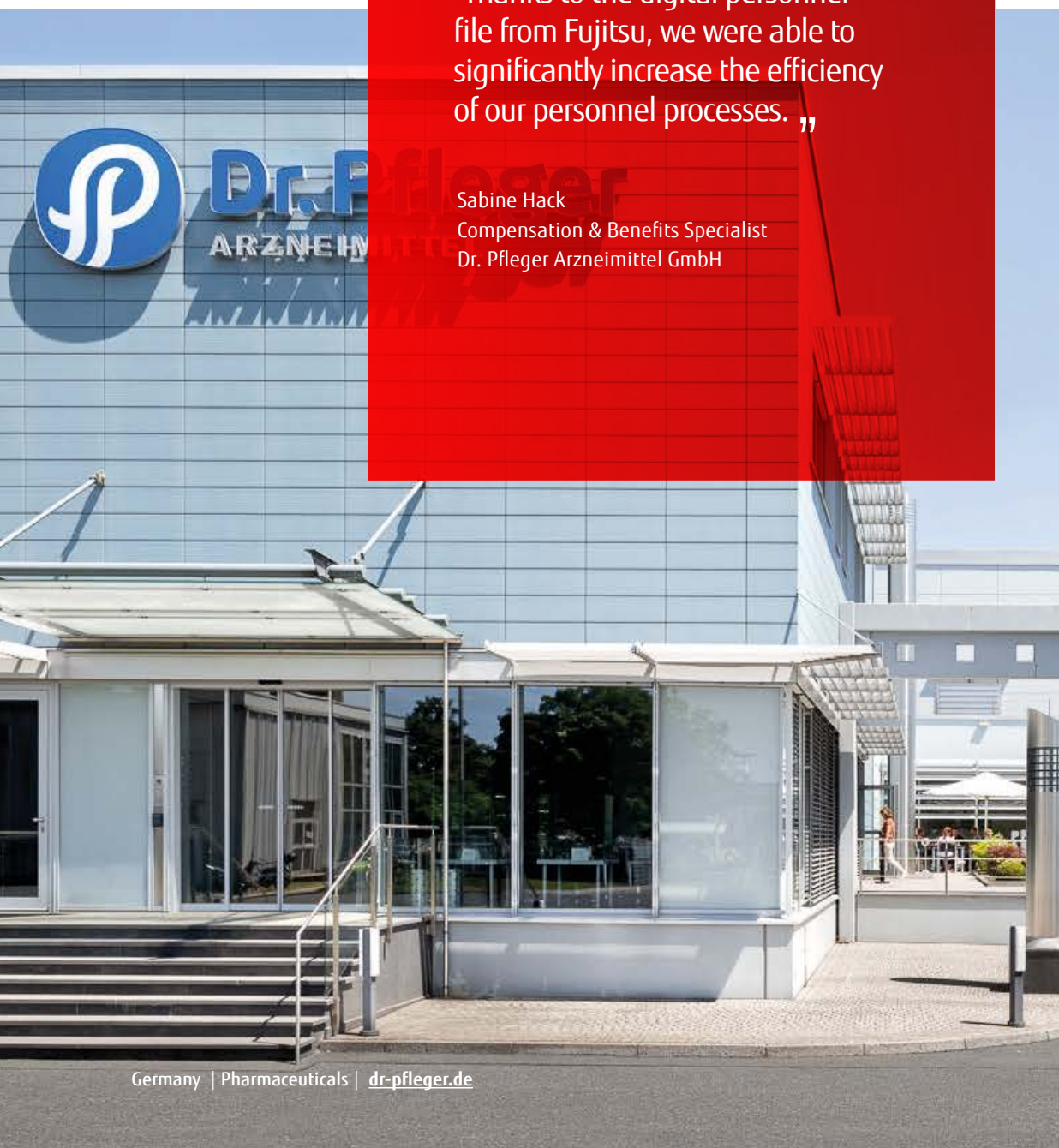
Emerald Performance Materials wanted to move from its existing private hosted cloud environment to Microsoft Azure.

Solution

Fujitsu designed, configured, and secured the Microsoft Azure infrastructure.

Outcomes

- \$20k savings per month.
- Agile environment enables rapid server provisioning.
- Increased resilience improves availability.
- Application and database performance have increased, boosting user productivity.



“ Thanks to the digital personnel file from Fujitsu, we were able to significantly increase the efficiency of our personnel processes. ”

Sabine Hack
Compensation & Benefits Specialist
Dr. Pfleger Arzneimittel GmbH

Dr. Pfleger Arzneimittel

Efficient, legally compliant HR processes, thanks to digital personnel files

Challenge


Dr. Pfleger wanted to digitize its personnel files and integrate them into its SAP HCM system.

Solution

Fujitsu implemented the “Digital Personnel File (DiPA)” solution and seamlessly integrated it into the existing SAP HCM system. As part of an overall package including development, consulting, implementation, as well as support, Fujitsu individually adapted the file structure to Dr. Pfleger’s specific requirements.

Outcomes

- Increased efficiency through optimized personnel processes.
- Increased transparency and improved data protection.
- Regulatory compliance.
- Savings in storage and filing costs.
- Uniform structure of personnel files.
- Fast and simultaneous access.
- Avoidance of data redundancy and shadow files.



“ Fujitsu is developing an AI-enabled ADR solution that will change how we build aeroplane parts. ”

Aaron Gilbraith
Project Manager
GKN Aerospace

GKN Aerospace

Augmented engineering becomes a reality

Challenge

GKN Aerospace wanted to automate its defect recognition process using AI to save time, improve consistency and increase data value.

Solution

A new augmented defect recognition (ADR) system, based on AI. Operators worked with Fujitsu to teach the prototype how to recognise flaws in production. GKN Aerospace is now preparing to bring the pilot technology to the shop floor.

Outcomes

- Inspection rates have fallen from hours to minutes.
- Throughput could increase by up to 50%.
- Better data quality enables smarter decision-making.
- Operators can handle more inspections without compromising safety.



“ Fujitsu helped us digitally transform our IT platforms as we became an independent company, optimizing interfaces with other key systems and business partners. ”

Jacqueline Grunwald
VP and CIO
AdvanSix

AdvanSix

AdvanSix created its own ERP platform to develop a flexible, scalable and reliable SAP HANA® solution built on Microsoft Azure®

Challenge

AdvanSix needed to quickly build an ERP platform to migrate its SAP systems enabling it to thrive as an independent company. AdvanSix wanted to explore the public cloud option but needed an experienced partner to guide it.

Solution


Working with Fujitsu, AdvanSix transitioned to Linux®-based SAP HANA® on Microsoft Azure®, including over 50 interfaces with non-SAP systems. At the same time, it moved to a Microsoft SQL Server® platform from an Oracle database.

Outcomes

- ERP systems can scale effortlessly to meet demand.
- New functionality makes the business operate more efficiently.
- Improved performance and reliability increase productivity.
- AdvanSix exited its original service agreement six months early, saving considerable expense.
- Cloud approach is 10 percent less expensive than a traditional data center.

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“ FUJITSU RunMyProcess gives us an integrated and transparent view of the production preparation process, so we know what is happening, when and who is responsible. Previously, that would have involved lots of time-consuming paperwork. ”

Akira Muramatsu
VP IT and R&D
AISIN AUTOMOTIVE LTDA.

AISIN AUTOMOTIVE

Using FUJITSU RunMyProcess to automate production preparation processes, enabling enhanced visibility, improved productivity and increased efficiency

Challenge


Automotive component manufacturer AISIN AUTOMOTIVE found that high staff turnover rates in Brazil were leading to a loss of knowledge and repeated mistakes. It wanted to automate and digitize production processes to provide a transparent account of schedules, actions and ownership.

Solution

A FUJITSU RunMyProcess solution to help apply deadlines, assign tasks and track deliverable actions. Plus board members have full visibility of the production preparation schedule until starting mass-production via a dashboard.

Outcomes

- RunMyProcess centralizes and standardizes key processes to share knowledge and boost efficiency.
- 100 percent cloud-based platform enables anywhere, anytime, any device access.
- New applications and functionality can be developed in-house in a matter of weeks.



“ We believe that the Digital Annealer and the co-creation initiative with Fujitsu will help us break through to the next level, where the winners are determined not by the scale and size but rather by the intelligence. ”

Ryuji Tanimura, Ph.D.
Senior Molecular Designer
Head of Computer-Aided Drug Design
Pharmaceutical Research Laboratories

Toray Industries

Co-creation to open new frontiers, being inspired by quantum phenomena

Challenge

Toray Industries, Inc. wanted to transform the pharmaceutical industry through better research and development and smarter uses of quantum computing. But quantum computing still has issues around stability and scale.

Solution

Fujitsu's Digital Annealer helps Toray harness the power of quantum computing to solve problems beyond traditional computing power.

Outcomes

- Digital Annealer performs in seconds what traditional computers do in 3-4 hours.



“ The Fujitsu production management platform allows us to digitize customer information and gather data on the production efficiency of each process. ”

Gogo Tanaka
General Manager for Information Systems
Onward Holdings

Onward Holdings

Digital transformation meets bespoke styling

Challenge


To develop an IT platform on which to manage a digital, smart factory producing bespoke clothing orders.

Solution

Individual systems for managing orders, fabrics, production status, shipping and other areas are now orchestrated on a single platform, using RFID, RPA, data conversion, and master data integration.

Outcomes

- Automated the process management, allowing skilled workers to focus on their own tasks.
- Reduced delivery times.
- Enables seamless data exchange between systems from different vendors.



“ Fujitsu has created an OCI application platform that is fit for the future, fast, and flexible. ”

Eileen Cusack-Marvel
Business Systems Manager
UGN

UGN

Accelerating the automotive supply chain

Challenge

UGN wanted to migrate its critical Oracle applications to OCI to improve stability and performance.

Solution

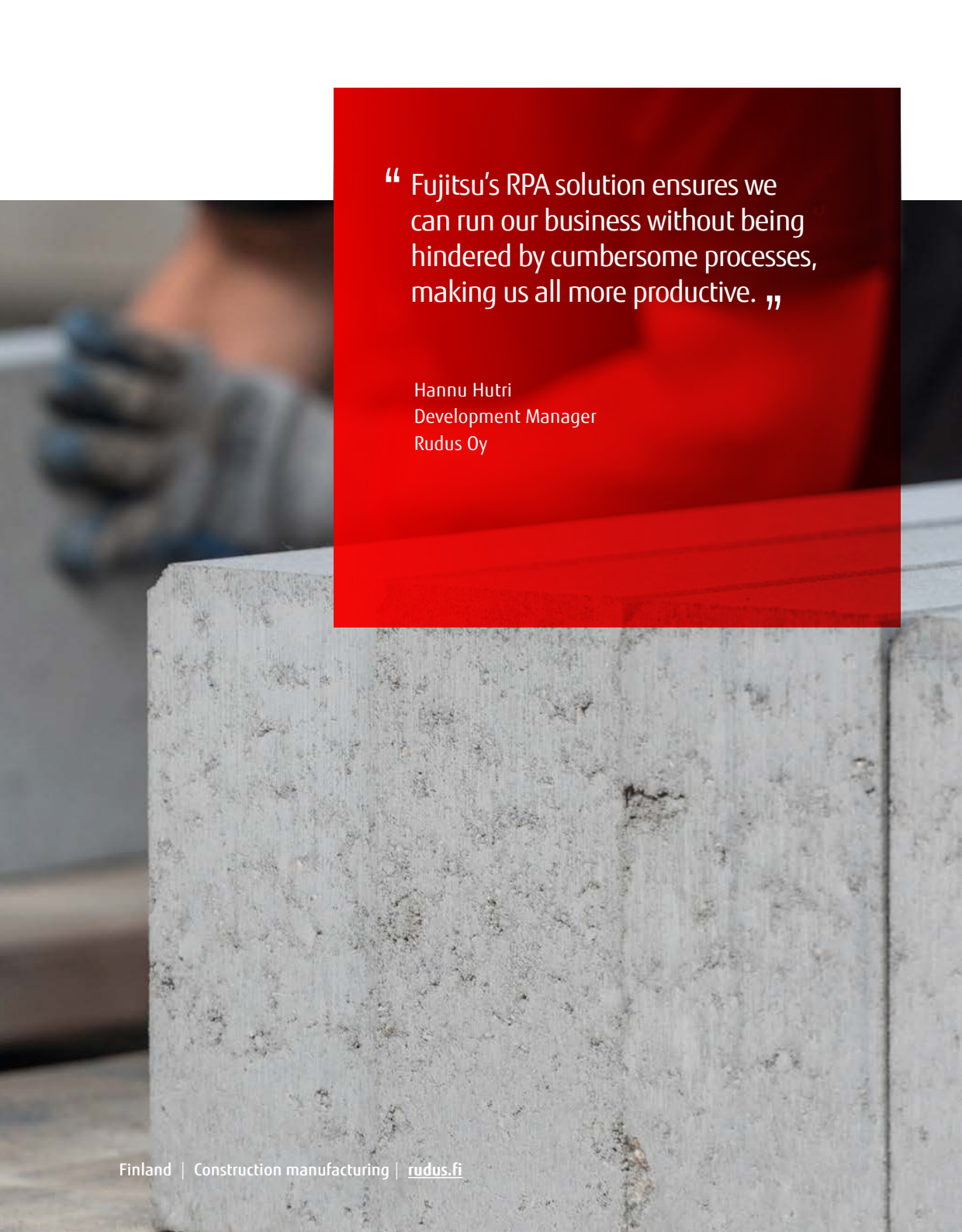
To migrate Oracle Business Intelligence Enterprise Edition, Oracle E-Business Suite, and Oracle Hyperion Planning, and their associated databases to OCI.

Outcomes

- Optimized environment has increased application performance by 25%.
- Guaranteed uptime SLA of 99.99% enables productivity.
- Eliminating hardware costs could save \$500k per year.
- Dashboards provide total visibility of operations and enable detailed system monitoring.
- It is simple and fast to provision new storage or compute power.

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“ Fujitsu’s RPA solution ensures we can run our business without being hindered by cumbersome processes, making us all more productive. ”

Hannu Hutri
Development Manager
Rudus Oy

Rudus Oy

Transforming manual tasks with RPA

Challenge

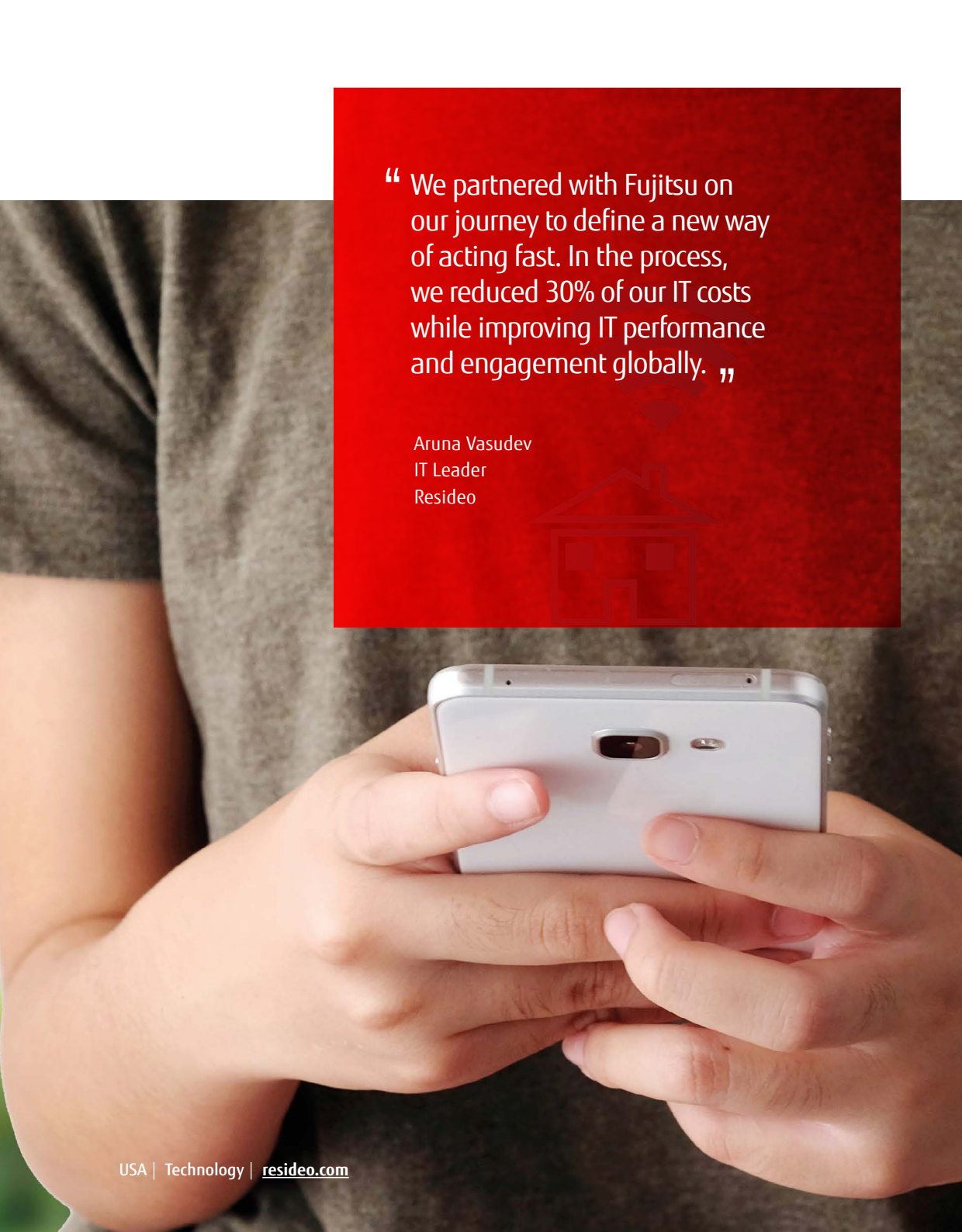
Rudus Oy wanted to automate manual processes to save time. It asked Fujitsu to introduce RPA to its Command Alkon environment.

Solution

To automate seven tasks, including cartridge ticket generation, item usage acceptance, and invoice registration. Now, Rudus Oy uses the Robotic Process Automation (RPA) platform to automatically create reports and associated tasks per week.

Outcomes

- 60 man-hours saved per month.
- Employees no longer work out of hours to run reports.
- Resources can be redeployed elsewhere.
- Employee satisfaction has increased.



“ We partnered with Fujitsu on our journey to define a new way of acting fast. In the process, we reduced 30% of our IT costs while improving IT performance and engagement globally. ”

Aruna Vasudev
IT Leader
Resideo

Resideo

Leading through optimization and automation

Challenge

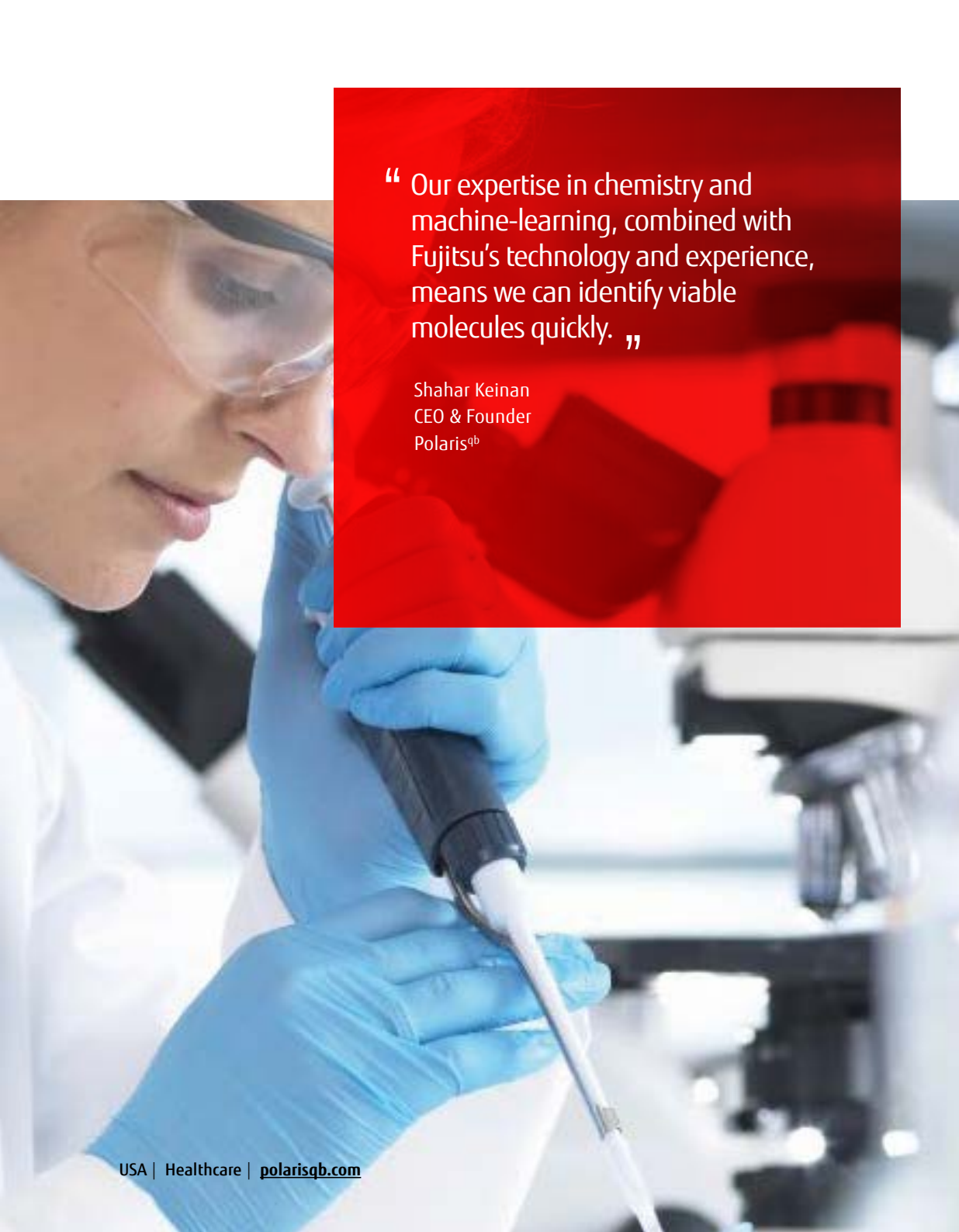
When Resideo was spun out of Honeywell, it faced a strict timeline to extract itself from the latter's systems. It therefore needed to deploy a new ServiceNow platform quickly and cost-effectively.

Solution

Resideo chose ServiceNow Elite Partner, Fujitsu, to handle the deployment as well as the implementation of its ITSM tools. Today, ServiceNow is underpinned by a 24/7 service desk in five languages, covering three global areas: the Americas, Europe, and Asia Pacific, supporting 13,000 employees in 19 countries.

Outcomes

- Enabled seamless transfer from Honeywell and provided adaptivity for future demands.
- Ticket numbers reduced significantly, reducing burden on service desk.
- Automating tasks boosts efficiency and will lead to cost savings of 30%.
- Out-of-the-box implementation reduces future management and maintenance costs.



“ Our expertise in chemistry and machine-learning, combined with Fujitsu’s technology and experience, means we can identify viable molecules quickly. ”

Shahar Keinan
CEO & Founder
Polaris^{qb}

Polaris^{qb}

Accelerating drug discovery through collaboration

Challenge

To accelerate the drug discovery process to fight diseases using quantum-inspired computing, machine-learning and QM/MM.

Solution

A platform combining Fujitsu’s Digital Annealer with Polarisqb’s chemistry and machine-learning algorithms to speed up drug discovery.

Outcomes

- Platform expands the size of the searchable chemical space from 0.5 to several trillion molecules.
- Up to 10,000 times faster processing of molecules.
- Identifying, synthesizing and testing novel molecule drug leads now takes approximately eight months rather than up to 48.
- Designed to scale to rapid virtual screening of more than one trillion molecular libraries to support lead discovery.



Co-create with Fujitsu

Let's share your story with the world

To find out more contact umesh.patel@fujitsu.com

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