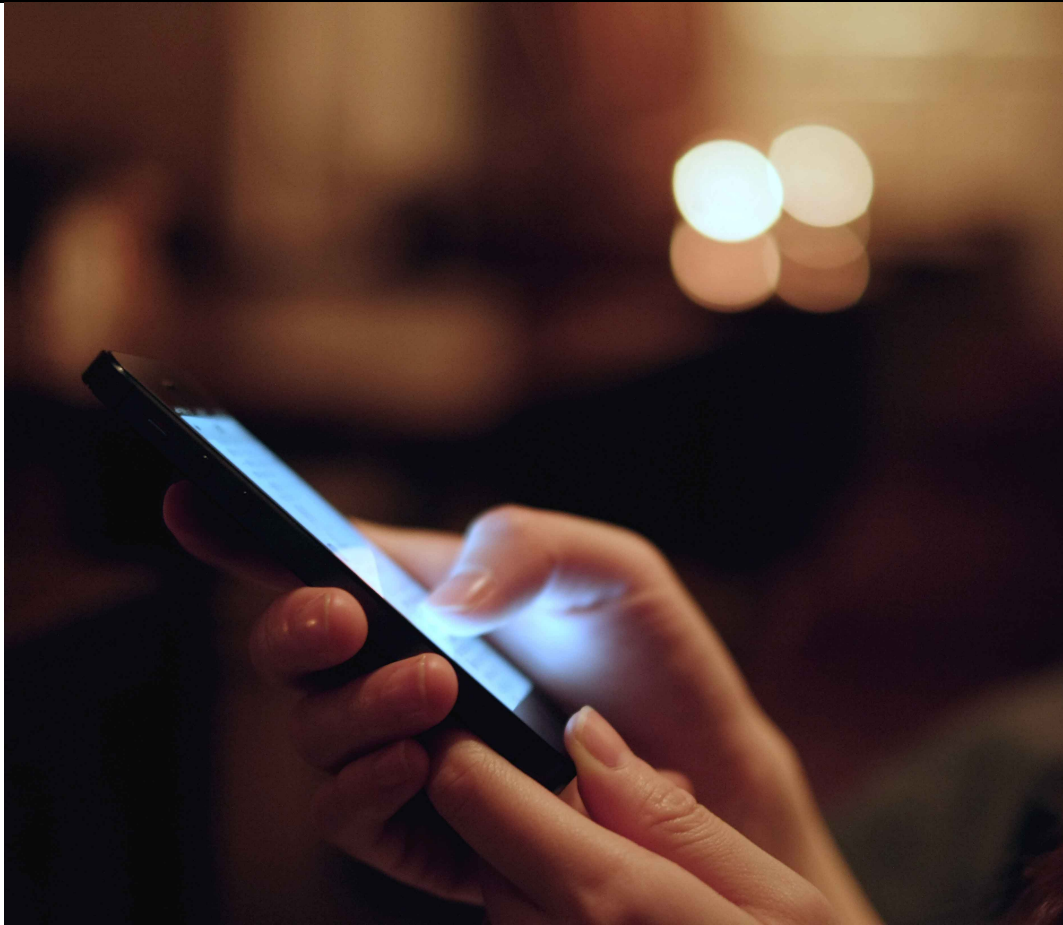



How Do You Establish Simple, Secure, and Reliable Access to Data Collected Using IoT Technology?

Customers turn to software developer Quanto and its Smartnet solution to capitalize on the awesome power of the Internet of Things (IoT). To provide a centralized collection and storage service for IoT data that can be accessed anywhere in the world, Quanto's Smartnet had to work on a platform capable of sorting and categorizing data for multiple customers with multiple users. As such, secure authentication was also a paramount concern.

With customers across multiple industries in Europe, Quanto needed a platform that included the tools necessary to provide a safe, secure environment for the data it collected. It also needed a way to make that data available to its customers on demand. The company chose SAP® Cloud Platform as a central storage solution to integrate IoT data into existing business systems and used the SAP Cloud Platform Identity Authentication service to provide the security its customers demanded. Now Quanto and Smartnet are helping companies across Europe empower themselves through the Internet of Things.





“To harness the enormous potential of the Internet of Things through our Smartnet solution, we needed a **secure platform to collect, store, and process data** from IoT sensors. But data is useless if our customers can’t access it safely.”

Eike Lüders, Digital Lab Unit Head, Quanto AG

Quanto's Smartnet solution, which runs on SAP® Cloud Platform, allows customers to access Internet of Things (IoT) sensor data from anywhere in the world. Using a custom user interface, Smartnet enables multiple customers with multiple users to safely and securely access proprietary data from IoT sensors – further expanding and empowering the Internet of Things.

QUANTO

SAP



Collecting, Sorting, and Securely Accessing IoT Data with SAP® Cloud Platform



Quanto AG
Hameln, Germany
quanto-group.de

Industry
High tech

Products and Services
Software solutions for the Internet of Things (IoT)

Employees
200

Revenue
€15 million

SAP® Solutions
SAP® Cloud Platform and the SAP Cloud Platform Identity Authentication service

Software developer Quanto has been creating new possibilities and business solutions for its customers for more than 10 years. Through its Smartnet solution, Quanto provides full-service IoT functionality to various industries. Seeking a secure, centralized data collection point that provides ease of access, it chose SAP Cloud Platform.

Before: Challenges and Opportunities

- Required a central platform for the collection, organization, and storage of data from IoT sensors
- Needed a single point of access to collected data that could be securely accessed by multiple customers
- Needed to use existing business systems to process IoT data

Why SAP

- Trusted brand established through past experience
- Reliable partner providing ease of use and needed functionality
- Anticipated future of co-innovation, growth, and technological advancement

After: Value-Driven Results

- Helps create solutions that do not require an IT infrastructure to run smoothly, efficiently, and perpetually
- Eliminates the need for on-site environment development, reducing initial costs and future overhead
- Allows secure access and identity authentication for multiple customers with multiple users by keeping data compartmentalized yet simple to access
- Provides tools needed to handle, store, and process data accurately
- Establishes a framework for future development of data analytics
- Integrates IoT data with existing business systems

“The overall benefit of SAP Cloud Platform for us, and also for our customers, is that we can very easily deploy and create a software application that just runs.”

Eike Lüders, Digital Lab Unit Head, Quanto AG

Central

Location for the collection and storage of IoT sensor data

Single

Point of secure, reliable access to data collected from the IoT



Find out more on how Quanto is deploying and creating new IoT applications on SAP Cloud Platform.



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