



## **Press Release**

Reference: **QUA001**

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### **MediaTek adopts Qualtera's Silicondash platform with machine learning and analytical engines to enhance semiconductor yield and quality**

Montpellier, France: 10 December 2018, Qualtera today announced that MediaTek's deployment of Qualtera's Silicondash Smart Manufacturing Platform has gone live in June 2018 and is now handling the manufacturing operations. Silicondash is used as MediaTek's primary corporate data analytics solution with data integration across the global supply chain of worldwide manufacturing and test suppliers. With a vision to further enhance manufacturing excellence, MediaTek has implemented Silicondash to further improve overall operational efficiency, yield management, quality control and IC-level traceability.

The Silicondash Big Data platform uses embedded expertise, algorithms, analytical engines, machine learning techniques for data preparation, automated analytics and decision-making. Silicondash cloud-based technologies and collaborative features ensure effective collaboration with supply chain partners so that issues can be detected early and appropriate actions are taken swiftly.

Qualtera EVP Marketing and Asia Business Operations, Paul Simon comments, "We have been collaborating with MediaTek since November 2017 and I am delighted to see that the Silicondash platform is now in high volume production handling analytics and IC level traceability across the manufacturing volume of MediaTek's supply chain. The platform's mix of real-time data collection, stream computing and big data analytics engines provides a host of high speed data

visualizations, analytics and modeling capabilities giving semiconductor manufacturers and their supply chain partners the opportunity to improve operational KPIs, yields and product quality”

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**About Qualtera**

QUALTERA is a leading provider of collaborative industrial big data analytics platforms, operational services and data science consulting services for production control, smart manufacturing and automated mining of semiconductor manufacturing and test data. Qualtera provides the next generation of high-volume industrial big data solutions for real-time intelligence, smart manufacturing and automated mining of semiconductor manufacturing and test data to control IC manufacturing and test operations leading to improved manufacturing excellence, accelerated product ramps, world-class yields and quality, at considerable cost reductions. Qualtera is an ISO 9001 and ISO 27001 certified company, operating worldwide at major fabless companies, IDMs, foundries and OSATs. For more information, please visit <http://www.qualtera.com>

**About Silicondash®**

Within Silicondash® years of semiconductor manufacturing and test expertise are built into an all-in-one platform incorporating proprietary data models, analytical algorithms and high-speed stream compute engines. The latest in cloud and big data technologies ensure ultra secure data transfer and storage while generating highly reliable analytical results in real-time and allowing systematic and reproducible data mining. Silicondash® provides both off-line and in-line modules to address the data analytics needs in the supply chains of fabless companies, IDMs, foundries and OSATs. Customers collect data throughout their supply chain in real-time, at part level, directly from test equipment. The platform’s analytical engines and API’s then allow for control strategies to be easily developed, simulated, and applied throughout the supply chain for real-time issue detection, decision and action. Silicondash®-Offline modules include advanced analytics, high-speed data visualization, simulation and modelling capabilities required for advanced analytics and engineering at different stages of the product lifecycle. Currently Silicondash® is deployed in high volume production at multiple companies in Asia, US and Europe.