

TTC Server

Data management solutions built to support large-scale operations with high data volumes

Your Challenge

You collect a large amount of data, and you lack a proper way to process, stock and retrieve them. You also have diversified needs in term of interfaces in order to integrate freely with your ERP/MES or to build report from a third-party analytics application.

Our Solution

Our **Data Management** solutions eliminate the headache of trying to collect, store, access and exchange factory-level data from so many disparate sources. It also enhances the value of your collected factory-level data by consolidation within a central storehouse, enrichment with domain appropriate contextualization, as well as seamless sharing through an open architecture platform.

20 Years
In the SMT
assembly industry

Custom Interfaces

With open architecture

Keysight's PathWave ...combined with Cogiscan's Track, Trace and Control solutions **enables data collection and acquisition throughout the entire electronics PCBA manufacturing line.**

Daniel Mak, Sr. R&D Director , Keysight



Benefits

Fast Data Sharing

Seamlessly share collected data with enterprise SW systems through one of our standardized interfaces for ERP, MRP, PLM, MES, MOM, as well as other major proprietary systems.

Simple Data Management

Gain better control and visibility of your data with a single, central storehouse to process, store, and share factory-level data.

Gain Meaningful Data

Domain appropriate data enrichment for SMT manufacturing – our rich data models relate raw collected data with other sources.

Data Transformation

Our manufacturing data engine provides meaning to collected data – transforming your production data so you can properly analyze metrics and KPIs to your needs.

Features

1 Central Repository:

Instead of managing multiple databases and disparate systems, take advantage of a **single, centralized storehouse** for collecting, consolidating & storing factory-level data.

2 Open Architecture:

Our open architecture platform allows you to easily share data and **includes multiple standardized interfaces for enterprise data exchange (DB, RPC web service API & OLAP)**. Open Interface module provides web service API for synchronous transaction-based communication – ideal for interfacing with MES, ERP, and/or PLM systems.

3 Large interface library:

Proven enterprise system **integrations with leading commercial and proprietary software** systems within the electronics manufacturing industry.

4 Powerful Performance:

For larger installations across multiple sites, our multi-server, multi-database architecture is equipped with **built-in tools for high-volume data processing** and long-term retention as well as fast retrieval.

5 Mature Platform:

Built on a **robust platform utilized for 20+ years** for mission-critical factory systems used by large electronics manufacturers globally.

