

Real Time Dashboard (RTD)

BACKGROUND

Industry Internet of Things (IIoT), one of most important enabling technologies supporting Industry 4.0, generates huge amounts of data reflecting daily operations of an enterprise. How to effectively collect them from various sources in real time, visualize them with insightful value and help managers make swift decisions for unexpected events still remain key challenges.

OBJECTIVE

To provide companies with a dashboard that allows users to visualize various operational related data aggregated from multiple sources in real time, enable users to promptly perform analysis based on real time data and trends, derive the insights and swiftly make decisions to respond to any unexpected situations.

DELIVERABLES

Type	Description
Consultancy	<ul style="list-style-type: none"> Configuration On-site Implementation and Set-up
Hardware	<ul style="list-style-type: none"> 1 x PC Computer with 27" monitor for RTD;
Software	<ul style="list-style-type: none"> 1 x RTD System License 1 x MS SQL Server (5 CAL) License



Sample of Real Time Dashboard

BENEFITS

- Real-time Visibility** (100% increase)
- Improve Productivity** (30% increase)
- Shorten Response & Report Gen Time** (50% to 70% decrease)
- Visualize Complex Data for Trending & Insights**
- Consolidate All Data Sources**
- Info/Data Drilldown**

Productivity Indicator	Expected Improvement
Increase operational visibility	100%
Shorten response time to unexpected situations	> 50%
Improve overall productivity and operations manageability	20 - 50%

Total Cost: S\$28,000 + GST

\$18,100 ESG Funding for SME (Subject to Approval)

(For SME Only)

For enquiries, please contact:
Dr Zhao Yizhi George
Tel: 6510 1625 | Email: yzzhao@SIMTech.a-staredu.sg

Mr Gary Kwok Siong Boon
Industry Development Manager
Tel: 6510 1690 | Email: gary_kwok@SIMTech.a-star.edu.sg