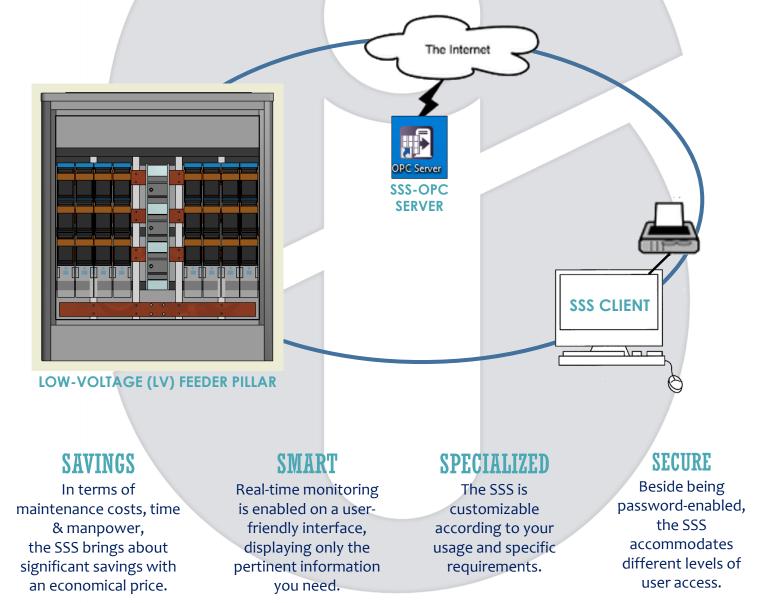
At Spanners International, we listen to and meet our clients' needs. Employing an OPC-protocol and our proprietary software DU-Trak, our Spanners Smart-monitoring System (SSS) successfully and swiftly collects, controls and communicates vital data to our clients and their end-users.

Our rigorous in-house development has resulted in an intuitive solution that is:

SPANNERS SMART-MONITORING SYSTEM

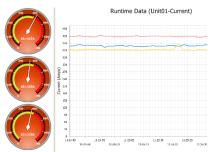


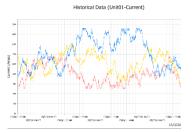


<u>Spanners International Pte Ltd</u> 6 Changi North Street 1, Spanners Building, Singapore 498825 Email: sales@spanners.com.sg | www.spanners.com.sg Tel: (65) 6543 2388 | Fax: (65) 6543 2688

SPANNERS SMART-MONITORING SYSTEM







X Installation Data

Equipment ID:	001
Equipment Name:	LV Board no 123
Location:	Clementi Road
Substation:	Clementi 66/22XV
Map Search:	Clementi Road
Installation Note :	Google
Installation Note :	<u>.</u>
Place installation notes	here

Production Data Model: LVX234655 Serial No: E22123322 Production Date: L/4/2012 Test Date: 28/4/2012 Test Date: 28/4/2012 Server Date: 11/4/2012 Server Version: 10.4474.1292 Custome: SP PowerGrid

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Print-screens of SSS Client interface

Intuitive System Design

Ease of navigation across different modules & settings
 Automatically closes off monitoring panes when left idle – thereby conserving data load on server
 Settings are switchable,
 depending on usage patterns & preferences

Real-time Data Monitoring

Remote and real-time collection of data

Customize limits of tolerance and set alarms when tolerance levels are breached

Historical Data Retrieval

Widely-requested requirement by utility boards

Able to retrieve LV Board information down to the hour

Installation Records Maintained

Inputting of LV Board installation data, limited to Operator via login security

- Comprehensive information fields
- Linked to virtual maps for visual and precise location

Production Data Maintained

Highly secure setting,

- enabled only by System's Factory Admin
- Solely for inputting production data of each LV Board

Alarm-enabled Instantaneously

Alarm notifications sent instantaneously via email & SMS to all involved servers and personnel

