

## CPELink - Overview

### What is CPELink

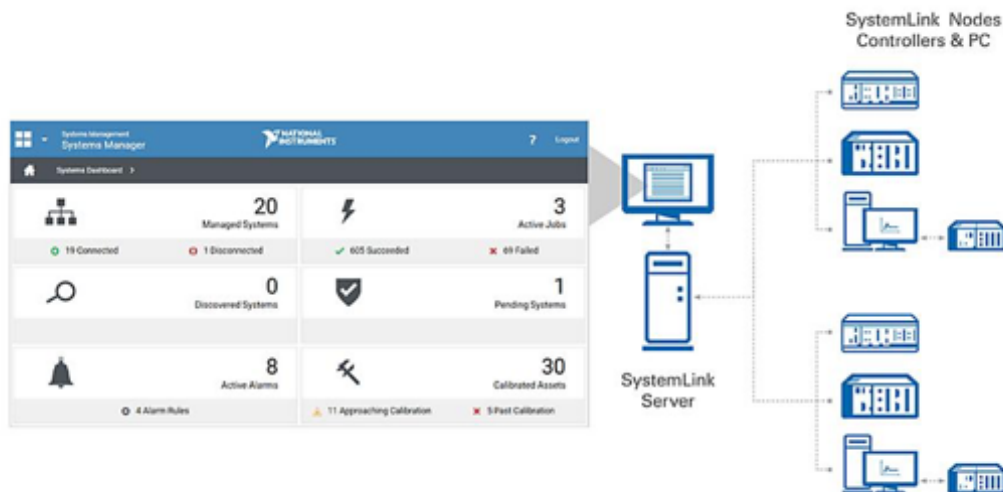
CPELink is a tool for managing distributed Test & Measurement and Data Acquisition systems. It provides a centralized Web-based management interface for connected devices, software and data.



It allows the user via a Web Interface to:

- Manage Software deployment
- Manage Device Configuration
- Monitoring system parameters
- Create a data dashboard for remote process data display.





CPELink is based on the National Instruments SystemLink product. This is aligned with NI products such as LabVIEW, TestStand, and hardware systems, it also offers an open architecture for incorporating a wide range of third-party software and hardware technologies

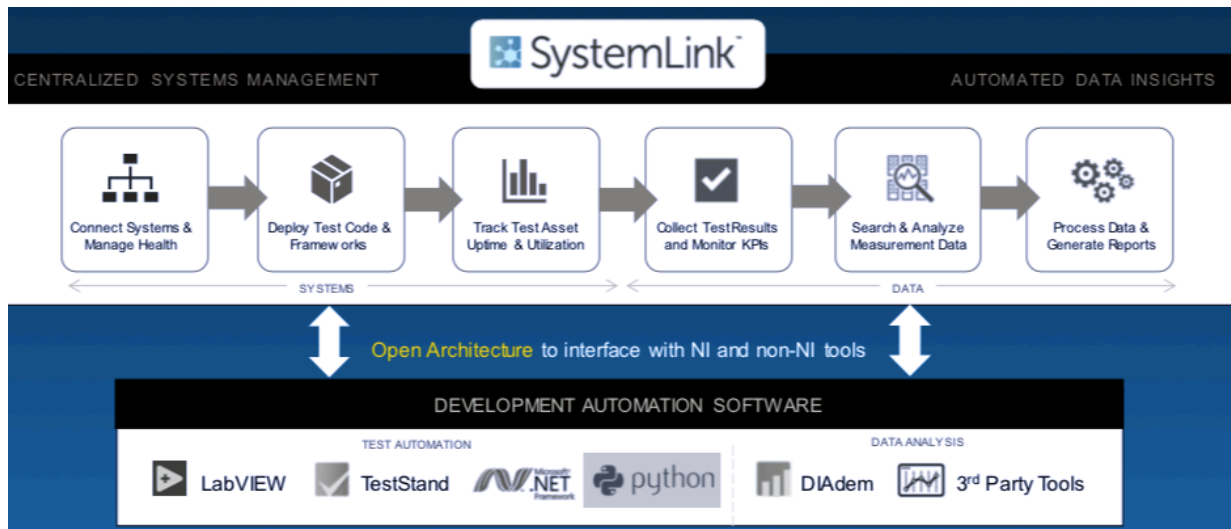
## CPELink Architecture and Overview



CPE Link consists of a Core Systems Management Platform and additional modules that can be added to specific end use functions. The current additional modules are;

- Asset Management
- Test Management
- Data Management

CPE Link is based on an Open Architecture



## Who will benefit from using CPELink

Organisations with multiple remote Test & Measurement and Data Acquisitions systems will benefit greatly by improving the efficiency of;

- Software Configuration and Deployment
  - Driver updates
  - Device Management
  - Device Diagnostics
  - Calibration management
- Health and Performance
  - Web Based Monitoring
  - Configurable Alarms
  - Email Workflow
- Data Visualisation and Graphical Dashboards
- Automated Test Insights
  - Increase Test Efficiency
  - Minimise Test downtime
  - Report on Status, results and operational Parameters of Automated Tests.
  - Remote CEM Management

## What's Required to Implement a CPELink System

To Implement a CPELink System you require;

- Windows or NI Linux Real Time Test & Measurement or Data Acquisition Client Controllers, connected to the Internet
- SystemLink Client application installed on all connected Controllers

- Cloud based Server instance installed with the SystemLink System Management application, and additional SystemLink modules to suit the end user requirements. Current Modules available are:
  - Asset Management
  - Test Management
  - Data Management

## Implementing a CPELink System

CPELink is a turnkey installation of SystemLink. In implementing a CPELink system for you, CPE will:

- Review your installation requirements
- Install SystemLink Client on all suitable controllers
- Set up a dedicated SystemLink Server instance in the cloud.
- Install and configure the SystemLink Server
- Configure the system client nodes
- Maintain the CPELink system for you including;
  - Maintenance of the Software Repository
  - Driver Updates
  - System Monitoring and Status Reporting
  - System Maintenance

Additionally, CPE can develop and implement data dashboards as required. These will be specified and be quoted separately.

## Development

CPELink can be developed and customize Data Dashboards or add additional capability can be added.

## Contact

If you are interested in **CPELink** and would like more information or pricing for the product, please contact CPE Systems NZ Ltd.

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