



Enhance your profitability with iVisionmax – L&T's latest Industrial Software Platform.

iVisionmax – the latest SCADA solution from L&T Control & Automation, is designed to monitor and control processes, equipment and resources of an enterprise, in real time. Whether you are developing standalone applications or a multi-site plant solution to manage a large spread of assets, this robust and powerful solution allows you to make informed decisions - improving performance efficiency, reducing overall operational costs and enhancing profitability, enterprise-wide.

The iVisionMax Advantage:

- Integrated platform for enterprise-wide operations
- Highly-scalable, open architecture – robust and reliable
- Easy and secure administration of current and historical data
- Customizable, single window reporting enabling easy decision making
- Future-ready, with capability to accommodate new applications/ requirements

To discover exactly how the iVisionmax industrial software platform can be integrated with your infrastructure please review the Technical Specifications overleaf.

iVisionmax10 technical specification

Architecture

- Client-Server Architecture
- Modular design, supports distribution of modules on several computers
- High availability solution to meet maximum uptime requirements
- Multi-monitor, multi-user operation
- Event-driven communication architecture for optimum usage of CPU

Communication Drivers

- Polling and event-based data collection
- Multiple instances of same driver on same computer or several computers
- Multiple drivers on same computer or several computers
- System and device time stamp, depending on communication drivers
- Modbus TCP/IP client, OPC-DA Server, OPC-DA Client, SIMATIC S7 client
- IEC 60870-5-104 client, DNP3.0 (IEEE 1815) client, IEC 61850 MMS client
- SNMP to meet requirement of NMS
- Supports framework for proprietary driver development

Data Modeling

- Object-oriented data model, supports Object Types, Objects and Tags creation to minimize configuration and engineering efforts
- Tree display of data model for quick and easy engineering and provides access for channel settings, alarm settings and scaling settings
- Logical grouping of information with an object

Archiving

- PostgreSQL to meet requirement of data archiving
- Supports instant archiving and periodic archiving
- Backup and restoration of database

Engineering

- Integrated Development Environment for graphics design, data modelling, archive configuration & scripting
- Vector graphics for industry specific object creation
- Object Oriented English like scripting language
- Tag Editor for preparing project specific data model
- Widget creation

Alarms & Events

- Supports alarm configuration for both analog and digital parameters
- Colour indication for different alarm levels
- Sorting of alarms, based on priority level
- Event display with value, quality and time stamp

Trends

- Real-time and historical trends
- Linear, step and bar chart
- Comparison trends with tracker locking
- 15 pens per trend area

User Management

- Creation of users as per operational requirements like Administrator, Supervisor, Operator, Guest

Reports

- Excel, based reporting module, supports template creation as per the requirement
- User-based report access
- Excel report with tabular and graphical information
- Scheduling and e-mailing of reports as per the configuration

Operating System & Software

- 64-bit operating system
- Microsoft Windows 7 SP1, Windows 8.1, Windows 10 Professional edition, Windows Server 2008, 2012 R2
- Microsoft MSOffice 2007, 2010 & 2013 (32-bit)



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