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SECURITY SYSTEMS | REMOTE MONITORING & CONTROL

GENERAL DESCRIPTION

OPTIMA SCADA Systems is software that monitors and controls multiple commercial and industrial security types of equipment like Roadblockers, Roadbollards, Barriers, Sliding Gates, etc. from one central control room. The system collects information, makes necessary analyses, and provides control. all equipment and monitors this information on an operator screen.

Thanks to the SCADA System, Open/Close or Raise/Lower functions can be achieved and current positions of the types of equipment can be monitored online. It is possible to get 'number of operations', several vehicles entered and exit, passing information for a person, unauthorized passage information, and many more. Besides, an additional IP camera can be integrated into the system to enable monitoring of transition zone in real-time.

Transmission Control Protocol/Internet Protocol called TCP/IP is used in communicating data across networks. Due to this, the SCADA system can be controlled from all over the world through a web server over the internet.

HARDWARE REQUIREMENTS

Min. hardware requirements:

➡ Processor Speed : 2 GHz.
➡ Random Access Memory (RAM) : 2 GB if running as a SCADA client or 4 GB if running as a server.
➡ Available Disc Space : 160 GB.
➡ Graphic Adapter : 1024x768 pixel resolution with 64 MB of VRAM.

Recommended hardware requirements or Higher:

➡ Processor Speed : 3.2 GHz or if server 3.2 GHz quad-core.
➡ Random Access Memory (RAM) : 4 GB if running as a SCADA client or 8 GB if running as a server.
➡ Available Disc Space : 250 GB.
➡ Graphic Adapter : 1024x768 pixel resolution with 128 MB of VRAM.

SOFTWARE REQUIREMENTS

Operating System:

➡ Windows 8, Windows Server 2012, Windows 7 with Service Pack 1 (32 bit and 64 bit), Windows Server 2008 R2 with Service Pack 1 (32 bit and 64 bit), Windows Vista with Service Pack 2 (32 bit and 64 bit), Windows Server 2008 Standard Edition with Service Pack 2 (32 bit and 64 bit), Windows Server 2012 R2.

Other Core Components:

➡ Microsoft.NET Framework 4.0.
➡ Microsoft.NET Framework 2.0 (x64) is required if using 64 bit Windows XP or 64 bit Windows Server.
➡ Internet Explorer 6.0 or greater.
➡ A Local Area Network (LAN), if intending to have multiple clients access a remote server.
➡ If running under virtualization with VMWare, the minimum system requirement is VMWorkstation 6.03 and later.
➡ License Manager: Java Runtime Environment (JRE).

WebServer:

➡ A LAN running TCP/IP
➡ Microsoft Internet Information Service (IIS)
Project DFB Add-in for Exel: As for all components, and Microsoft Exel 2007 or later. Microsoft Exel 2013 (32 bit only).