SIEMENS

IVM I/O Server

Control System for Digital I/Os

COSI024016
COSI040032
COSI056048

- **IVM software package for controlling the SIMATIC S7-200**
- **Cost effective hardware interface to other systems**
- **High scalability of digital inputs and outputs**
- **Logically linked digital inputs**
- **Simple configuration via user friendly LAN client**The I/O Server is an IVM software package for controlling the SIMATIC S7-200 I/O contacts. The digital inputs can be used to trigger events in IVM (detector, hardware crash, etc.), while IVM can use the digital outputs to control external components (lighting, door locks, IR illumination, etc.). The IVM Client graphically display the status of the digital inputs. Digital outputs can either be switched manually by the user or automatically when an event an occurs.

- **Flexible System Configuration**

  The I/O Server service can run locally on the IVM Server or on a separate computer within the network. This allows one locate the I/O Server and the S/-200 in accordance with the application's requirements, thus reduce cabling costs by utilizing the LAN infrastructure.
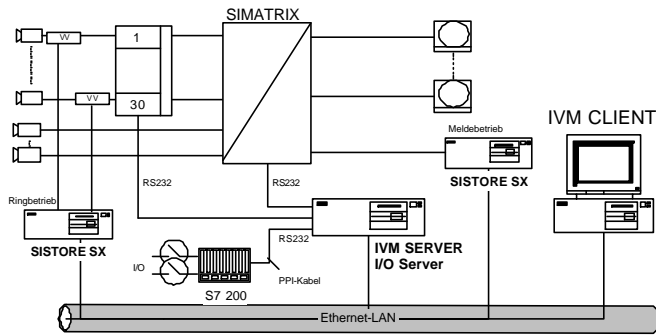
- **Direct Control**

  The SIMATIC S7-200 can be controlled directly via the PPI cable; the communication processor card is not required.

- **Preinstalled System**

  The Video Cluster Server (see order information) can be used in conjunction with an IVM I/O Server installed on a separate computer. The IVM I/O Server service is preinstalled on the Video Cluster Server.

Fire & Security Products

System diagram

Technical data

	IVM I/O SERVER
System Requirements	
CPU	Pentium IV, min. 2 GHz
Memory	256 MB RAM (minimum recommendation)
Graphics Card	XGA, 1024 x 768, High Colour
Hard Disk	10 GB HDD (minimum recommendation)
Drives	CD-ROM
Input	MF2-Keyboard, Mouse
Operating System	Microsoft Windows 2000
Interface Requirements	
Network	1 x LAN
Serial Interface	1 x RS232
Scope of Delivery	
Software	1 x I/O-Server Base License
	1 x I/O Server Configuration Tool (German / English)
	1 x License File
	IVM License is not included
Hardware	1 x Dongle WIBU Key,
	The SIMATIC S7-200 and computer hardware are not
	included in the delivery and must be ordered separately
Extensions*	
Standard License 024016	24 digital inputs, 16 digital outputs
Standard License 040032	40 digital inputs, 32 digital outputs
Standard License 056048	56 digital inputs, 48 digital outputs
Licensing	
Software Protection	The license information can be stored in the dongle included
	in the delivery or, alternatively, in the IVM Server dongle
License	The release and expansion of extensions is licensed with a
	separate license file

Details for ordering

Type	Art.-Nr.	Description	Weight
COSI024016	2GF9400-8KA	IVM I/O Server License 24 / 16	-
COSI040032	2GF9400-8KB	IVM I/O Server License 40 / 32	-
COSI056048*	2GF9400-8KC	IVM I/O Server License 56 / 48	-
COSC000001	2GF4818-8EA	Video Cluster Server PC	35.0 kg

*Extensions beyond 56 inputs and 48 outputs are possible; however, we expressly note that systems of this size and complexity must be planned configured and tested in detail. Please contact the appropriate FSP representative for such project extensions.