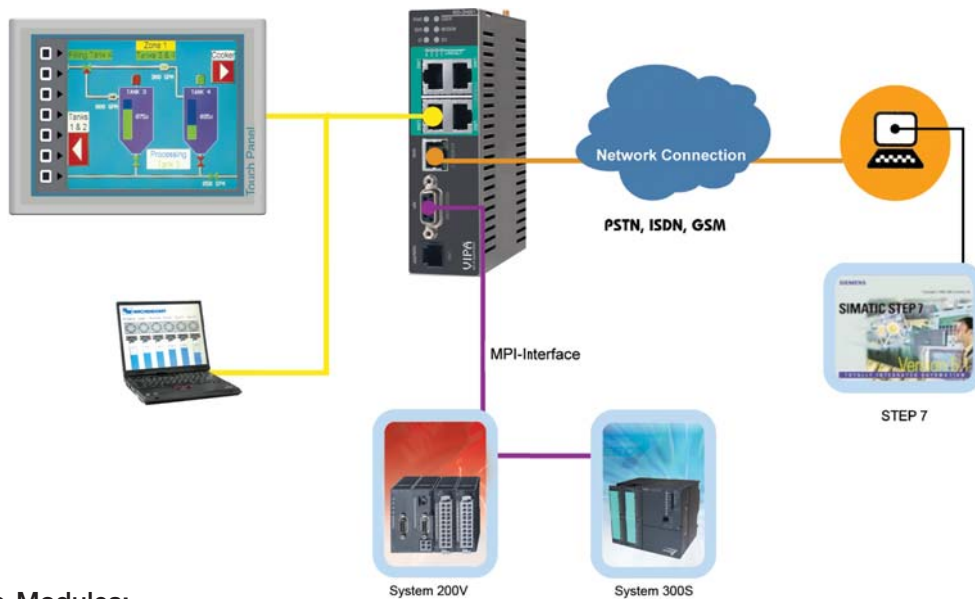


# VIPA Teleservice-Modules



## Remote-Maintenance, -Control, -Alarm Management








### VIPA Teleservice-Modules:

- Integrated analog, ISDN, GSM/GPRS or HSUPA Modem
- Alarm notification via SMS, E-Mail or SNMP
- Easy configuration via Web Browser (no additional software tool required)
- Synchronous access to controller and operator devices
- Integrated MPI + Ethernet interface
- Virtual Private Network via Talk2M (TM-H)



# Teleservice Modules

Order number	900-2E631	900-2E641	900-2E651	
Figure				
Inputs	1 digital	1 digital	1 digital	
Outputs	1 digital	1 digital	1 digital	
MPI interface	✓	✓	✓	
WAN	-	-	-	
LAN	1	1	1	
ISDN modem	✓	-	-	
PSTN modem	-	✓	-	
GSM/GPRS modem Quadband	-	-	✓	
Alarm message	E-mail, SMS, SNMP, FTP			
Router function	<ul style="list-style-type: none"> <li>- IP forwarding</li> <li>- Transparent forwarding</li> <li>- NAT firewall</li> <li>- Dial connection</li> <li>- Integrated proxy</li> <li>- Routing table</li> </ul>			
Virtual Private Network (VPN)	-	-	-	
Transparent Gateway	MPI, ISOTCP, PROFIBUS, Modbus TCP			
Data management	Integrated web server (configurable over web interfaces)			
FTP server/client	✓	✓	✓	
Call back	✓	✓	✓	
Dynamic DNS support	✓	✓	✓	
Web server	✓	✓	✓	
Custom web sites	✓	✓	✓	
Project planning	local and online over web interfaces, auxiliary function over Basic and Java			
Safety	Integrated firewall, IP address filtering, integrated NAT Server			
Integrated protocols	MPI/PPI, ISOTCP, Modbus TCP, PROFIBUS			
Modbus TCP master/slave	✓	✓	✓	
SNMP	✓	✓	✓	
SNMP MIB2	✓	✓	✓	
Memory	8 MB RAM, 8 MB Flash			
Installation	Simply DIN rail mounting			
Power supply	12 VDC up to 24 VDC (± 20%), 3 Watt power consumption			
Environmental conditions	0 °C up to +50 °C, 80 % rel. air humidity			
Housing	space-saving and stable aluminum case			
Dimensions (WxHxD) in mm	39x129x108			
Weight	< 300 g			
<b>Accessories (must be ordered separately)</b>				
Antenna	-	-	900-0AA00 900-0AB50 900-0AQ50	
TM-eBuddy	SW307A1MA			

Order number	900-2H611	900-2H681		
Figure				
Inputs	1 digital	1 digital		
Outputs	1 digital	1 digital		
MPI interface	✓	✓		
WAN	1	1		
LAN	4	4		
HSUPA Modem	-	✓		
Alarm message	E-mail, SMS, SNMP, FTP			
Router function	<ul style="list-style-type: none"> <li>- IP forwarding</li> <li>- Transparent forwarding</li> <li>- NAT firewall</li> <li>- Dial connection</li> <li>- Integrated proxy</li> <li>- Routing table</li> </ul>			
Virtual Private Network (VPN), Talk2M	✓	✓		
Transparent Gateway	MPI, ISOTCP, PROFIBUS, Modbus TCP			
Data management	Integrated web server (configurable over web interfaces)			
FTP server/client	✓	✓		
Call back	✓	✓		
Dynamic DNS support	✓	✓		
Web server	✓	✓		
Custom web sites	✓	✓		
Project planning	local and online over web interfaces, auxiliary function over Basic and Java			
Safety	Integrated firewall, IP address filtering, integrated NAT Server			
Integrated protocols	MPI/PPI u. ISOTCP, Modbus TCP, PROFIBUS			
Modbus TCP master/slave	✓	✓		
SNMP	✓	✓		
SNMP MIB2	✓	✓		
Memory	16 MB RAM, 32 MB Flash			
Installation	35 mm DIN rail mounting			
Power supply	12 VDC up to 24 VDC (± 20%), 10 Watt power consumption			
Environmental conditions	0°C up to +50°C, 80% rel. air humidity			
Housing	space-saving and stable aluminum case			
Dimensions (WxHxD) in mm	39x129x108			
Weight	approx. 300 g			
<b>Accessories (must be ordered separately)</b>				
Antenna	- - -	900-0AA00 900-0AB50 900-0AQ50		
TM-eBuddy	SW307A1MA			

# Remote-Maintenance, -Control, -Alarm Management



## Application

The sophisticated VIPA Teleservice modules offer easy and secure communication with your machinery and plants. Due to the compact design the Teleservice modules require minimal space for mounting inside the control cabinet.



## Configuration via Web Browser

The VIPA Teleservice modules can be fully configured via a Web Browser (e. g. Internet Explorer). No additional software is necessary!



## Remote Access

Once a connection has been established between PC and Teleservice module, the control software accesses the controller directly, as if it was directly connected. This enables data analysis, error diagnosis and fault fixing to be done remotely, without the need to visit the site.



## Continuous Information

With the VIPA Teleservice modules, data is collected remotely from your machinery and plant and then automatically transmitted as an e-mail attachment (as a graph, chart or text file). This information allows continuous monitoring of machines status.



## Alarm Management

Alarm management is a critical requirement for monitoring of machinery and plants. The VIPA Teleservice modules monitor defined parameters within the controller. If specific values are exceeded the alarm management feature enables required actions to be taken. The VIPA Teleservice modules offer prompt and intelligent notifications via e-mail, SMS or via SNMP.



## Easy Connection

The VIPA Teleservice modules can be integrated into company networks via GPRS, EDGE or DSL. The Talk2M function establishes a connection through a server data processing centre between the Teleservice modules and PC.



## Teleservice Accessories

Article number	Designation	Description
900-0AA00	TM antenna GSM/GPRS	TM antenna GSM/GPRS, dipole antenna incl. SMA plug, resistor: 50 ohm, power: 3 W, profit: 2,0 dBi, 900/1800 MHz
900-0AB50	TM antenna GSM/GPRS	TM antenna GSM/GPRS, mobil antenna incl. 5m cable, SMA plug and mounting bracket, resistor: 50 ohm, power: 10 W, profit: 2,14 dBi, 900/1800 MHz
900-0AQ50	TM antenna GSM/GPRS	TM antenna GSM/GPRS, rod antenna incl. 5m cable und SMA plug, resistor: 50 ohm, power: 20 W, profit: 2,14 dBi, 900/1800 MHz