ACFA Intellect

Vanderbilt Integration Module Settings Guide

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1 Introduction into Vanderbilt Settings Guide

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1.1 Purpose of the document

Vanderbilt Settings Guide is a reference and information guide meant for *Vanderbilt* configuration specialists.

The guide provides the following:

1. General information about *Vanderbilt* integration module;
2. Configuring Vanderbilt *integration* module;
3. Operation of Vanderbilt *integration* module.

1.2 General information about Vanderbilt integration module

Vanderbilt integration module is the FSA component carried out on the base of *ACFA Intellect*. It is meant for checking up the *Vanderbilt* devices.

> ⚠ **Important!**
>
> *Vanderbilt* FSA hardware configuring in ACFA intellect is impossible. *Vanderbilt* FSA hardware configuring is performed in the SPC Connect Pro vendor's utility.

Before operating the *Vanderbilt* integration module one needs to set the hardware on the guarded object and perform the initial configuration of *Vanderbilt* FSA devices.

> ⓘ **Note**
>
> For more information about *Vanderbilt* FSA, please refer to the official documentation for this system (vendor: Vanderbilt International GmbH).

2 Supported hardware and licensing of Vanderbilt integration module

Vendor	Vanderbilt International GmbH Borsigstrasse 34, 65205 Wiesbaden, Germany info.international@vanderbiltindustries.com Tel: +49 721 958 81 38	Fax: +49 721 958 81 59 Website: www.vanderbiltindustries.com
Integration type	Low-level protocol
Hardware connection	Ethernet

Supported hardware

| Hardware	Function	Features
SPC4320x	Controller	• Maximum number of wire-connected zones 32 (on-board 8) • Maximum number of outputs 30 • Programmed areas 4 • Maximum number of users 100 • Intrusion event memory 1000 • Intrusion event alarm 1000 • Maximum number of doors (input/output) 4/2 • Maximum number of door groups 2 • Supported cards: Mifare, EM4102, HID Corporate 1000, Wiegand and others. • Alarm APB • Embedded HTTPS Web Server • Interfaces: 1 X-BUS, 2 RS232, 1 USB, 1 Ethernet (RJ45)
SPC6330	Controller	• Maximum number of wire-connected zones 512 (on-board 16) • Maximum number of outputs 512 (on-board 6) • Programmed areas 60 • Maximum number of users 2500 • Intrusion event memory 10000 • Intrusion event alarm 10000 • Maximum number of doors (input/output) 64/32 • Maximum number of door groups 32 • Supported cards: Mifare, EM4102, HID Corporate 1000, Wiegand and others. • Alarm APB • Embedded HTTPS Web Server • Interfaces: 2 X-BUS, 2 RS232, 1 USB, 1 Ethernet (RJ45)

Module licensing
For 1 controller.

# 3 Configuring Vanderbilt integration module

3.1 Connecting the Vanderbilt FSA to ACFA Intellect

Connecting the *Vanderbilt* FSA to *ACFA Intellect*.

1. Go to the **Vanderbilt SPC** object setup panel which is created on the base of **Computer** object on the **Hardware** tab **System settings** dialog box.
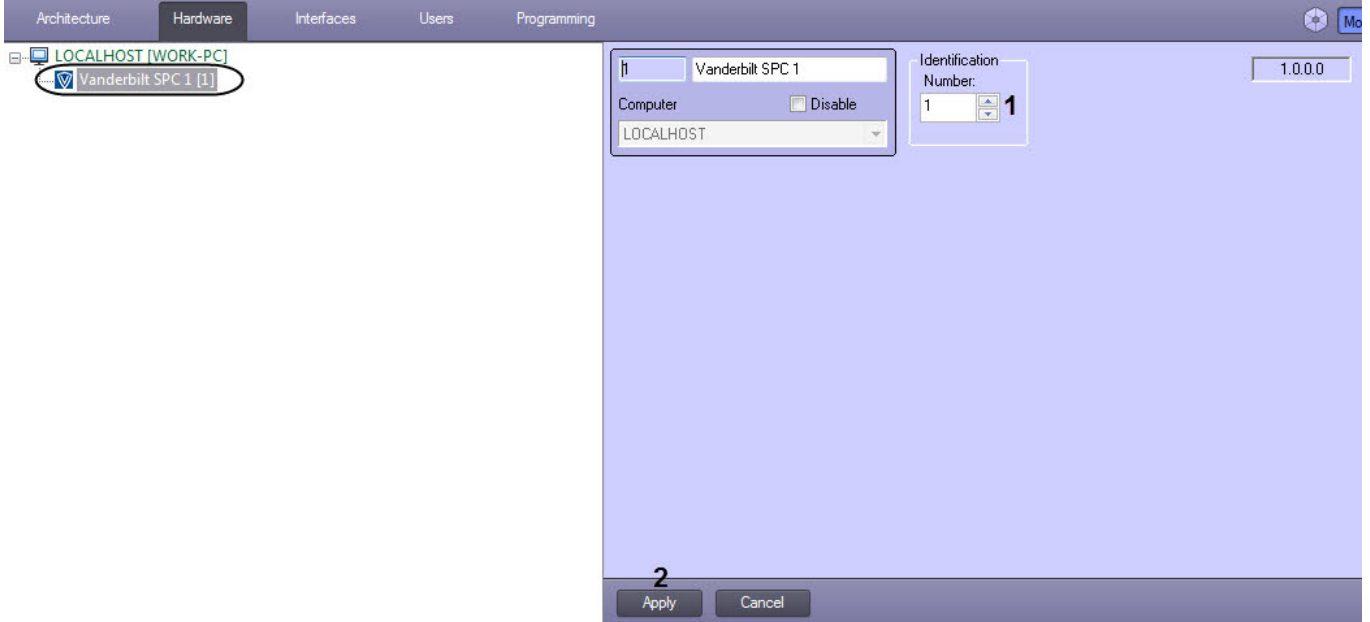
2. Enter the Receiver ID in the **Number** field (**1**) which is set in the SPC Connect Pro vendor's utility.
3. Click the **Apply** (**2**) button to save the configuration.
4. Go to the **Panel** object setup panel which is created on the base of **Vanderbilt SPC** object.
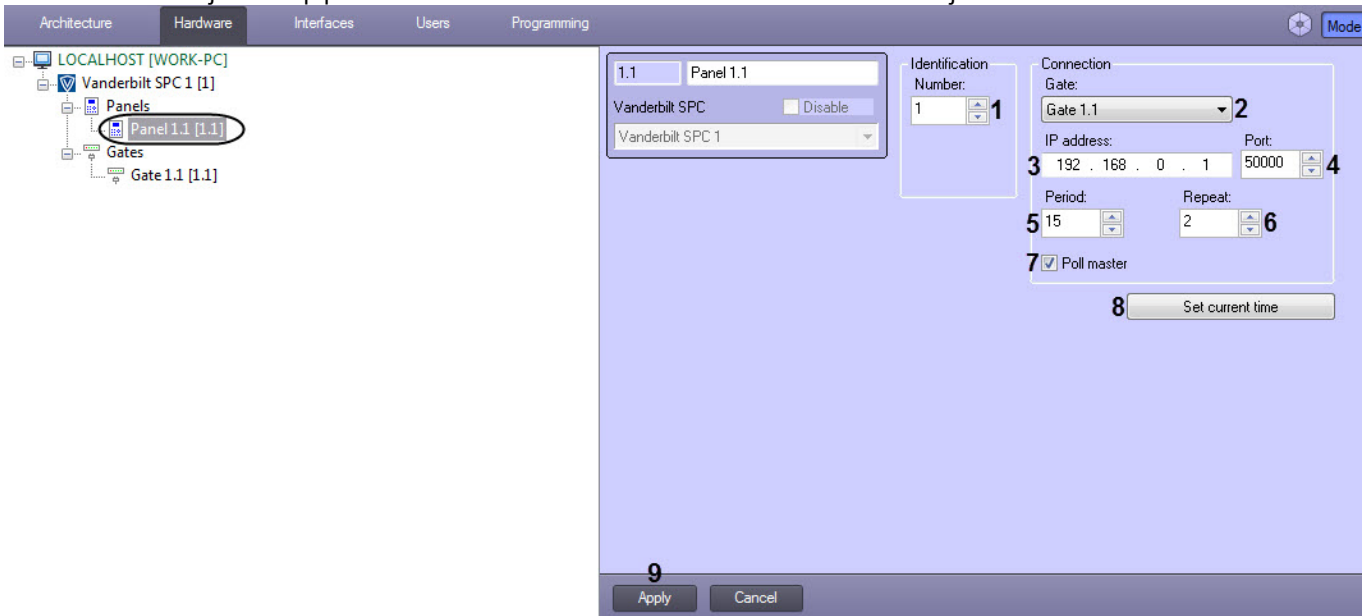
5. In the **Number** field (**1**) enter the EDP Panel ID which is set in the SPC Connect Pro vendor's utility.
6. In the **Gate** drop-down list (**2**) select the Server gateway (see Configuring Vanderbilt FSA Server gate).
7. In the **IP-address** field (**3**) enter the *Vanderbilt* panel IP-address.
8. In the **Port** field (**4**) enter the *Vanderbilt* panel port.
9. In the **Period** field (**5**) enter the panel polling time (in seconds) for the presence of connection between panel and Server. The polling time is 15 seconds by default.

> ⚠️ **Important!**
>
> You cannot set the polling time which is less than 15 seconds.

10. In the **Repeat** field (**6**) enter the number of panel polling attempts for the presence of connection between panel and Server after which the **Disconnected** event is going to be generated.
11. Set the **Poll master** check box (**7**) so as the poll for the presence of connection between panel and Server is run from Server. Otherwise, *Vanderbilt* panel is going to be the poll initiator.

> ⓘ **Note**
>
> The similar set-up should be performed in the SPC Connect Pro vendor's utility, too.

12. Click the **Set current time** button (**8**) in order to set the Server current time into the panel.
13. Click the **Apply** button (**9**) to save the configuration.

Connecting the *Vanderbilt* FSA to *ACFA Intellect* has been completed.

3.2 Configuring Vanderbilt FSA Server gate

Configuring *Vanderbilt* FSA Server gate is performed in the following way:

1. Go to the **Gate** object setup panel which is created on the base of **Vanderbilt SPC** object.
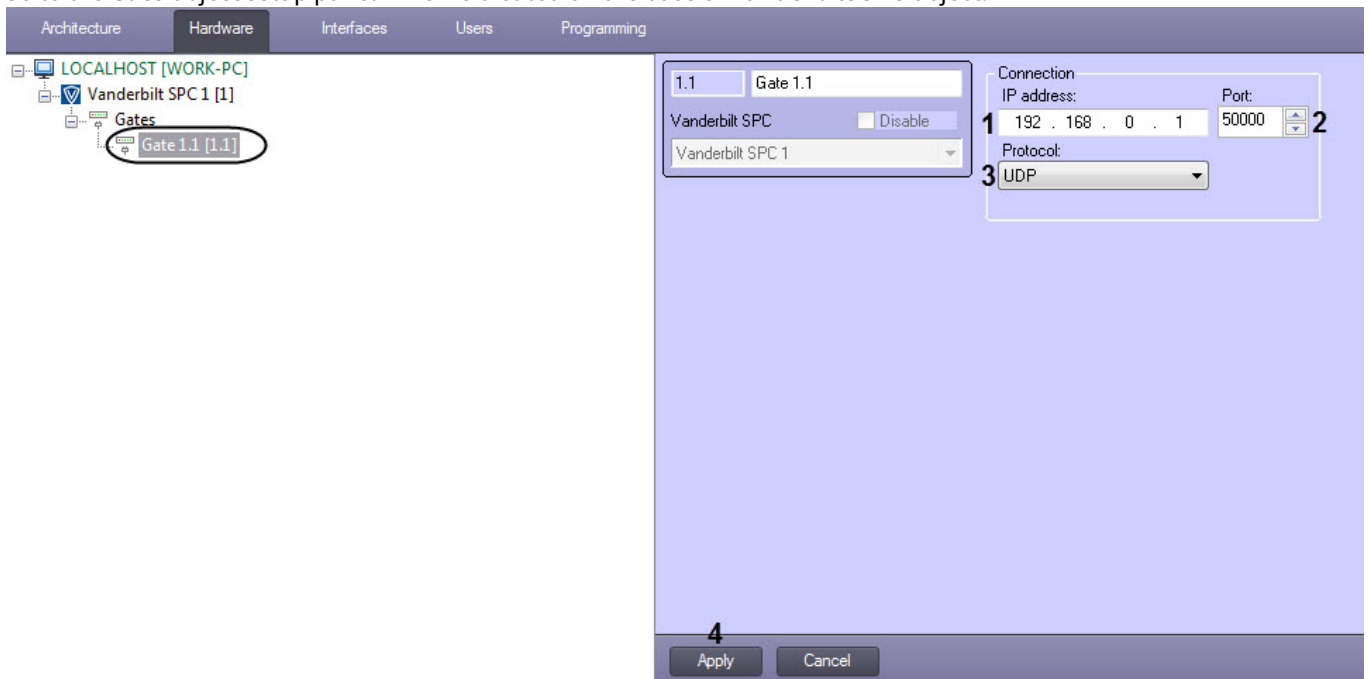
2. In the **IP-address** field (**1**) enter the Server IP-address.
3. In the **Port** field (**2**) enter the Server port.
4. In the **Protocol** drop-down list (**3**) select the network protocol: **UDP** or **TCP**.
5. Click the **Apply** (**4**) button to save the configuration.

Configuring *Vanderbilt* FSA Server gate has been completed.

3.3 Configuring Vanderbilt FSA zones, outputs and areas

Configuring *Vanderbilt* FSA gate is performed in the following way:

1. Go to the setup panel of the corresponding zone, output or area object which is created on the base of **Vanderbilt SPC** object.
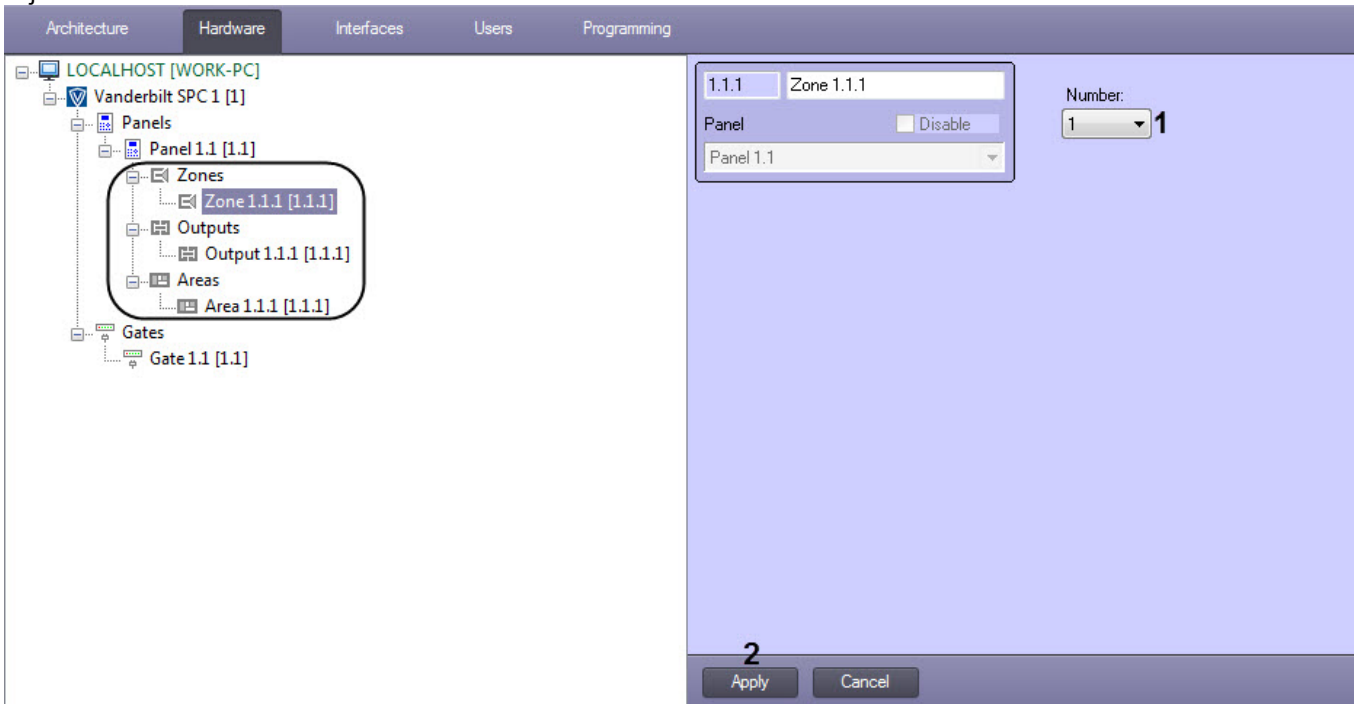
2. In the **Number** drop-down list (**1**) select the corresponding object number in the SPC Connect Pro vendor's utility.

> ⚠ **Important!**
>
> You cannot create the number of zone, output or area objects more than it is supported by *Vanderbilt* panel.

3. Click the **Apply** button (**2**) to save the configuration.

Configuring *Vanderbilt* FSA zones, outputs and areas has been completed.

4 Operation of Vanderbilt integration module

4.1 General information about Vanderbilt module

The following interface objects are used to work with the *Vanderbilt* integration module:

1. **Map**
2. **Event Viewer**.

Operation on these interface objects is described in the ACFA Intellect: Administrator's Guide document. Administrator's Guide.

Operation on these interface objects is described in the Intellect software: Operator's Guide. Operator's Guide.

4.2 Vanderbilt FSA panel control

Vanderbilt FSA panel control is performed in the **Map** interactive window using the **Panel** object function menu.

Commands to operate the *Vanderbilt* FSA panel are given in the table:

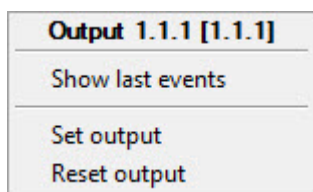| Function menu command	Function
Set area	Set area
Set area delayed	Set area delayed
Force set area	Force set area
Unset area	Unset area
Acknowledge all alarms	Acknowledge all alarms
Partset B an area	Set a Part B area
Partset A an area	Set a Part A area

The following *Vanderbilt* FSA panel conditions are possible:

	Disconnected

Panel 1.1 [1.1]	Connected
Panel 1.1 [1.1]	Engineer mode
Panel 1.1 [1.1]	Fault
	Battery voltage error
	Main voltage error
Panel 1.1 [1.1]	Tamper

4.3 Vanderbilt FSA output control

Vanderbilt FSA output control is performed in the **Map** interactive window using the **Panel** object function menu.

Output 1.1.1 [1.1.1]
Show last events

Set output
Reset output

Commands to operate the *Vanderbilt* FSA output are given in the table:

Function menu command	Function
Set output	Set output
Reset output	Reset output

Commands to operate the *Vanderbilt* FSA output are given in the table:

Output 1.1.1 [1.1.1]	Set state
Output 1.1.1 [1.1.1]	Reset state

4.4 Vanderbilt FSA zone control

Vanderbilt FSA panel control is performed in the **Map** interactive window using the **Panel** object function menu.

Commands to operate the *Vanderbilt* FSA zone are given in the table:

Function menu command	Function
Isolate	Isolate
De-inhibit zone	De-inhibit zone
Inhibit zone	Inhibit zone
Acknowledge all alarms	Acknowledge all alarms
De-isolate	De-isolate

The following *Vanderbilt* FSA zone conditions are possible:

	Isolate
	Inhibit
	Offline
	Trouble
	Shortcut
	Close
	Open
	Fault
	Alarm

4.5 Vanderbilt FSA area control

Vanderbilt FSA area control is performed in the **Map** interactive window using the **Panel** object function menu.

Commands to operate the *Vanderbilt* FSA area are given in the table:

Function menu command	Function
Set area	Set area
Set area delayed	Set area delayed
Force set area	Force set area
Unset area	Unset area
Partset B an area	Partset B an area
Partset A an area	Partset A an area

The following *Vanderbilt* FSA area conditions are possible:

Set
Unset
Partset A
Partset B