

CONFIGURATION



DATA INTERFACE MODULE VICTORWEB PLUGIN FOR C-CURE 9000

SUPPORTED FEATURES, HARDWARE VALUES & EVENTS, PLUGIN & CONNECTOR CONFIGURATION

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INTRODUCTION

1.1 VALIDITY

This document applies to the configuration of the Victorweb Plugin for C-Cure 9000 on the HEMISPHERE® Data Interface Module. The contents of this document are based on the released HEMISPHERE® Modules Core Release version 1.9.2.

Figures (screenshots) in this document may differ from the actual product.

1.2 COMPATIBILITY

The abovementioned software version are compatible with the following software:

- HEMISPHERE® Modules Core Release as of software version 1.9.2
- HEMISPHERE® SeMSy® Video Management as of software version 5.0.56

1.3 DOCUMENTS

The product documentation contains several documents that are supplied in a printed form and/or on a digital medium.

Further technical documentation for your software, if available, is published exclusively on the website www.dallmeier.com.

Read the available product documentation carefully and thoroughly before using your software. Always observe and follow the contained instructions, notes and warnings as well as the technical data in the currently valid product specification of your software.

Keep all documents in legible condition and in a suitable location for future reference.

Regularly check the website www.dallmeier.com for the latest product documentation updates (and software versions).

1.3.1 This Document

This document contains detailed descriptions of the configuration of the software and the system environment.

The target audience of the document is trained video security systems integrators.

1.3.2 Other Applicable Documents

Product Specification

The product specification contains detailed technical data, features and characteristics of the respective software.

The target audience of the document is trained video security systems integrators.

1.4 TYPOGRAPHICAL CONVENTIONS

For reasons of clarity and readability, various text formatting elements and types of emphasis are used in this document:

NOTICE

NOTICE indicates measures to prevent device and/or property damage due to improper configuration of the device or faulty operations.

Instructions are indicated by arrows (▶).

- ▶ Always carry out instructions one after the other in the sequence described.

Expressions highlighted in bold and dark gray usually refer to the name of an application, product or function or indicate an user interface control element (button, check box, drop-down list, menu item, etc.).



Paragraphs in italics provide information on basic principles, special features and efficient procedures as well as general recommendations.

GENERAL NOTES

2.1 DESCRIPTION

The **HEMISPHERE® Data Interface Module (DIM)** offers a variety of plugins for the connection of 3rd party systems over industrial network protocols (OPC), standardized network protocols (RESTful) or proprietary network protocols and programming interfaces (API). These allow the passive reception and active retrieval of states and data from the connected systems and their forwarding as event messages into the HEMISPHERE® system. In addition, data can also be sent to the connected systems, which in turn allows the 3rd party systems to be controlled from the HEMISPHERE® system.

2.2 FEATURES

The HEMISPHERE® Data Interface Module offers the following features:

- Real-time processing and forwarding
- Event and alarm messages configurable via graphical user interface
- Sensor states definable with icons / color / events / alarms / name / camera connection / actions
- Automatic alarm confirmation by renewed change of hardware status possible
- Evaluation via Event and alarm Inbox Applications on a HEMISPHERE SeMSy® Workstation

2.3 WARRANTY

The terms and conditions valid at the signing of the contract shall apply.

CONFIGURATION

A C-Cure 9000 access control system is integrated into a HEMISPHERE® Data Interface Module (DIM) via the Victor Web Service.

3.1 SUPPORTED FEATURES

Feature	Supported
Read HEP	yes
Write HEP	yes
Hardware Events	yes
Group HEPs input	no
Group HEPs output	no
Import HEPs from hardware	yes
Import HEPs using csv file	no
New HEPs automatically added	yes

3.2 SUPPORTED HARDWARE

- C-CURE Webservice API 2.7 and 2.8

3.3 HARDWARE VALUES

Each object of type iStarDoor got hardware endpoints connected. These hardware endpoints persist the state when receiving mapped notification.

- Schema for HepId: {objectName}.{Hep Ending}
- All Hep Endings beside Actions are read-only
- All Hep Endings beside Actions got Value Type “Number”
- Actions Hep Endings got Value Type “Text”

objectType	Hep Ending	Values	Description
iStarDoor	AdmitStatus	0	Unknown
		1	Admit
		2	Reject
		3	AdmitDuress
		4	AdmitVisitor
		5	RejectVisitor
		6	RequestToExit
		7	RejectNoEscort
		8	RejectNoPIN
		9	RejectNotTime
		10	RejectUnknown
		11	RejectUnknownPIN
		12	RejectDuress
		13	NoticedAdmit
		14	NoticedReject
		15	Duress
		16	PreAdmit
		17	RandomScreenSelection
		18	TwoManRuleFail
		19	TwoManRuleNoSecond-Card
iStarDoor	AlarmStateStatus	20	PassThroughFail
		0	Unknown
		1	Normal
		2	Forced
iStarDoor	ControllerOnlineStatus	3	HeldOpen
		-1	Unknown
		0	Offline
iStarDoor	DoorOpenAlarmStatus	1	Online
		0	Unknown
		1	Active
iStarDoor	DoubleSwipeStatus	2	Secure
		0	Unknown
		1	Locked
iStarDoor	DSMTamperStatus	2	Unlocked
		0	Unknown
		1	Active
iStarDoor	LockTamperStatus	2	Secure
		0	Unknown
		1	Active
iStarDoor	LockUnsecuredStatus	2	Secure
		0	Unknown
		1	Active
		2	Secure

objectType	Hep Ending	Values	Description
iStarDoor	ModeStatus	0	Unknown
		1	Unlocked
		2	Locked
		3	NoAccess
		4	MomentaryUnlock
iStarDoor	MomentaryUnlockStatus	0	Unknown
		1	Locked
		2	Unlocked
iStarDoor	OpenStatus	0	Unknown
		1	Open
		2	Closed
iStarDoor	RejectLimitReachedStatus	0	Unknown
		1	UnderLimit
		2	InLimitReached
		3	OutLimitReached
iStarDoor	Actions	SoftwareHouse.NextGen.Common.Actions.LockDoor	
		SoftwareHouse.NextGen.Common.Actions.UnLockDoor	
		SoftwareHouse.NextGen.Common.Actions.MomentaryUnLockDoor	

3.4 HARDWARE EVENTS

You can setup the hardware events which should be forwarded by Plugins Hardware Events page. Description and criticality can be edited.

If unknown hardware event is received for the first time it is added to list but deactivated and criticality is set to 0.

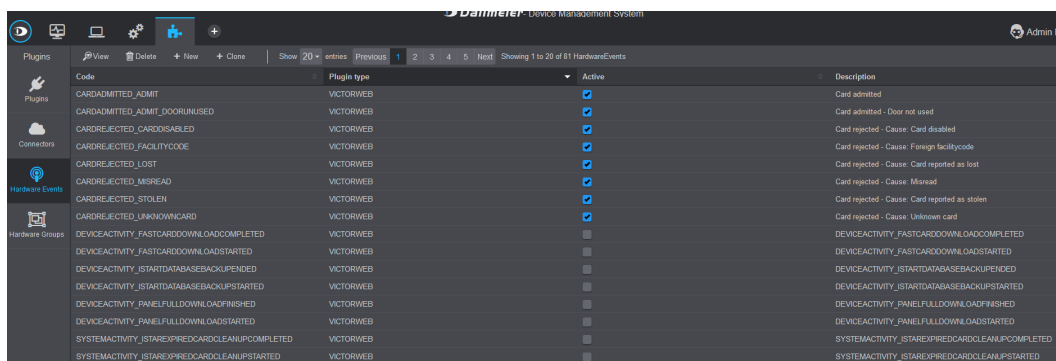


Fig. 3-1

▶ To activate check the **Active** box.

The default event created will be **DMSEvent**.

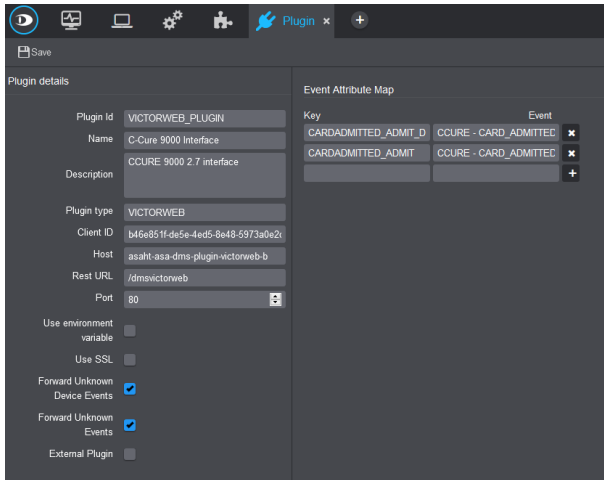


Fig. 3-2

▶ Also ensure settings on corresponding Plugins Page is set to your requirements:

Forward Unknown Device Events:

If checked all events regarding HEPs which are linked to DIM Devices are forwarded
 If not checked only events mapped within Event Attribute Map will be forwarded for HEPs linked to DIM Devices

Forward Unknown Events:

If checked all events for not linked HEPs to DIM Devices are forwarded
 If not checked only events mapped within Event Attribute Map will be forwarded

The default event created if hardware event is not mapped within Event Attribute Map can be customized by adding Key **DIM_DEFAULT_EVENT** and specific TEvent as Value. Criticality and Code of Hardware Event as Device Event Type will be used. If specific TEvent got no custom description text the corresponding Hardware Event description will be used.

Hardware Events Import using csv file

Character encoding: UTF-8 without BOM
 Format: Type;Code;Description;Criticality;Active;

Type: "EVENT"
 Code: {MessageType}_{MessageCode}
 Note: only use upper case
 Description: Eventmessage
 Criticality: value between 0 and 100
 Active: true or false

Possible message types and message code property name:

- CARDREJECTED_{REJECTCODE}
- CARDADMITTED_{ADMITCODE}
- SYSTEMACTIVITY_{ACTIVITYCODE}
- DEVICEACTIVITY_{ACTIVITYCODE}

3.5 PLUGIN CONFIGURATION

Note: Replace red marked “cd” with correct value

Plugin Type: SATEON
Default Host: **cd**-asa-dms-plugin-victorweb-b
Rest URL: /dmsvictorweb
Port: 80

3.6 CONNECTOR CONFIGURATION

- ▶ Ensure Victor Webservice is setup.
- ▶ Execute following command on Victor Webservice Server:

```
InsertLicenseoption /U /V /S:"LOCALHOST" /N:"Dallmeier - web Services - Integration"  
/A:"Dallmeier Electronic GmbH & Co. KG" /G:a84ee2e8-0173-11ea-8d71-362b9e155667 /C:2 /P:0
```

- ▶ Replace “LOCALHOST” by the SQL instance name.
- ▶ Thereafter you can add the Connector:

Connector Details

Name: CCURE Server

active:

clientId:

clientName: ImKube

clientVersion: 2.8

culture:

host: 10.6.10.121

password:

port: 80

useSSL:

userName: admin

uuid:

fileHep:

Advanced Setup

Fig. 3-3



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