

Administration and Configuration Guide

GSC-1SDK-AMG-NDM – AMG Switch Integration

Toby Featherstone / Technical Services /1.0

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Foreword

The purpose of this document is to explain in detail how to configure and administer your solution to work along with Genetec products. This document should be a reference for administration, troubleshooting and configuration for the DAP certification team and our mutual customers.

Version history

Version	Date	Author	Object
1.0	2025/05/01	Toby Featherstone	Initial Draft

Table 1 - Version history

Abbreviations

Term	Definition
GSC	Genetec Security Center

Table 2 - Abbreviations

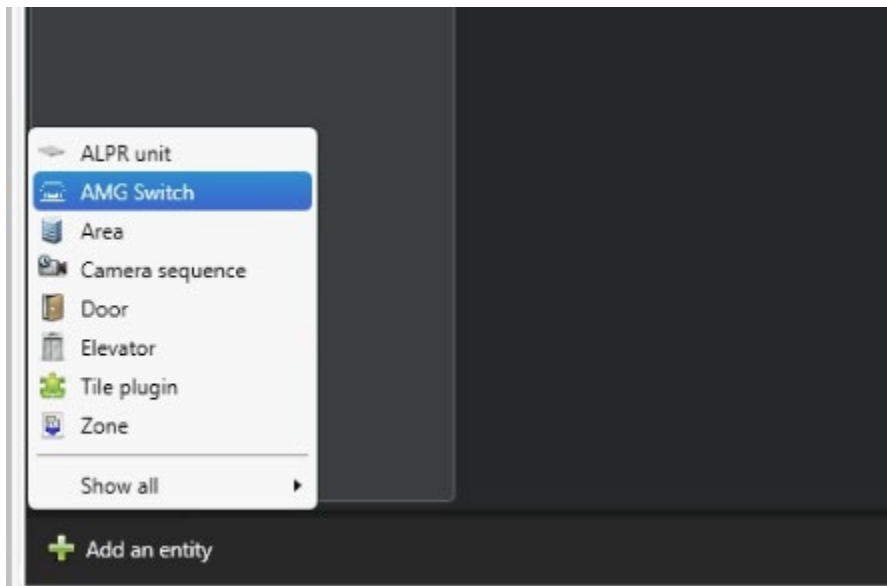
This document is the entire property of Genetec. It may be not copied nor released to any tier, even partially, without the expressed approval of Genetec.

How to configure **AMG Switch Integration**

The steps are those done immediately following the integration's deployment/installation.

This section will be split into two parts:

1. *All the configuration steps regarding the Genetec products (not an exhaustive list):*
Once installation is complete there are no further steps required to make the integration work or be configured. The properties of an AMG switch are configured on a per switch basis and
2. *All the configuration steps regarding your integration*
Adding a switch is a straightforward process
In config tool select add entity and select AMG switch



Add a switch name and description and select next

AMG Switch

Basic information

Custom fields

Summary

Entity creation outcome

Fill in the following fields. The entity description is optional.

Entity name:


Switch01

Entity description:

1st floor wiring closed

Location:

WIN-70Q51FFME4A



Cancel

Next >

AMG Switch

Basic information

Custom fields

Summary

Entity creation outcome


* IPAddress: 10.10.10.1

* Username: admin

* Password: admin

* Read Community: public

* Write Community: private



* Mandatory fields

Cancel

< Back

Next >


AMG Switch

Basic information

Custom fields

Summary

Entity creation outcome



Cancel

Verify that the information below is correct. Use the Back button to go back and make corrections.

Tile plugin

Partition: WIN-70Q51FFME4A

Custom fields

IPAddress: 10.10.10.1

Username: admin

Password: admin

Read Community: public

Write Community: private

Back

Create

Select create

The switch will be automatically discovered and child port entities will be created for ports, arp I/O and Mac tables

Search

WIN-70Q51FFME4A

Switch01

ARP

IOALARM

MAC

Port 1

Port 2

Port 3

Port 4

Port 5

Port 6


Port 7

Port 8

Port 9

Port 10

Type: AMG Switch

Icon: 

Name: Switch01

Description: 1st floor wiring closet

Logical ID:

Relationships:

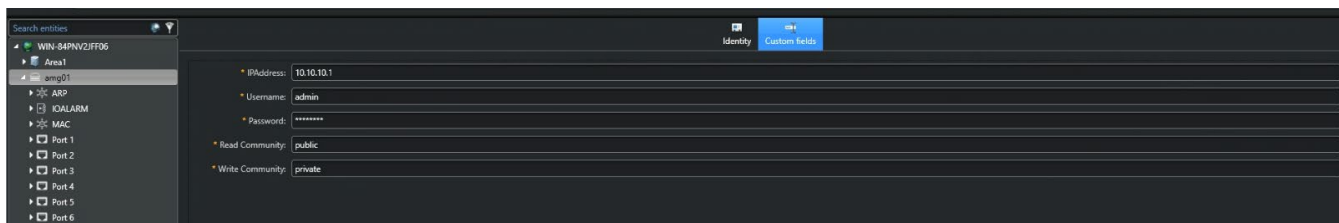
- Switch01
 - Part of...
 - Alarms
 - AMG Port
 - AMG Arp
 - AMG Mac
 - AMG IOAlarm
 - Actions
 - Automations

Identity

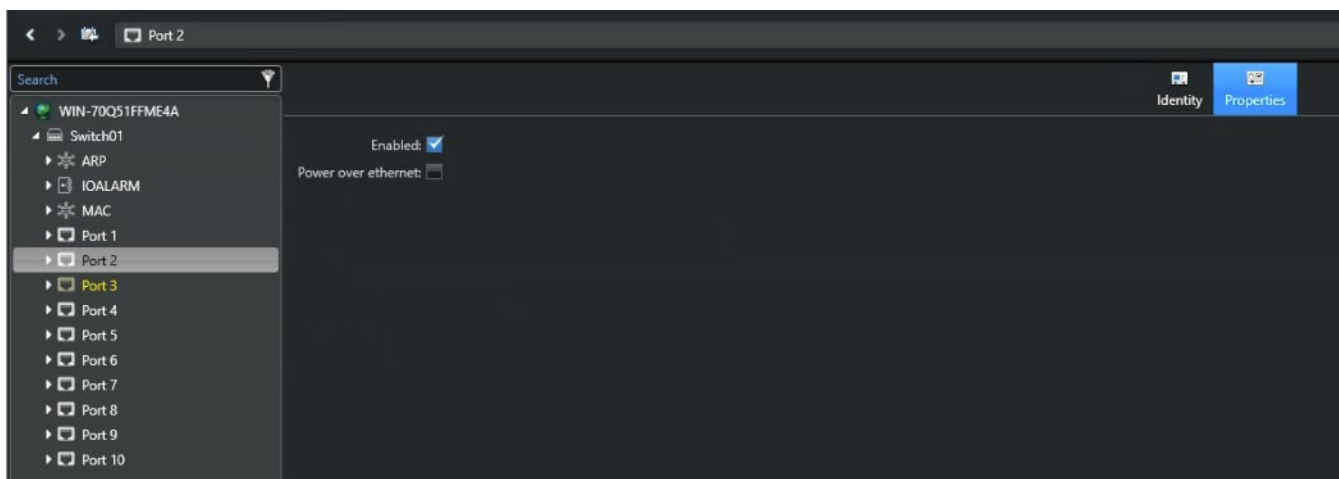
Custom fields

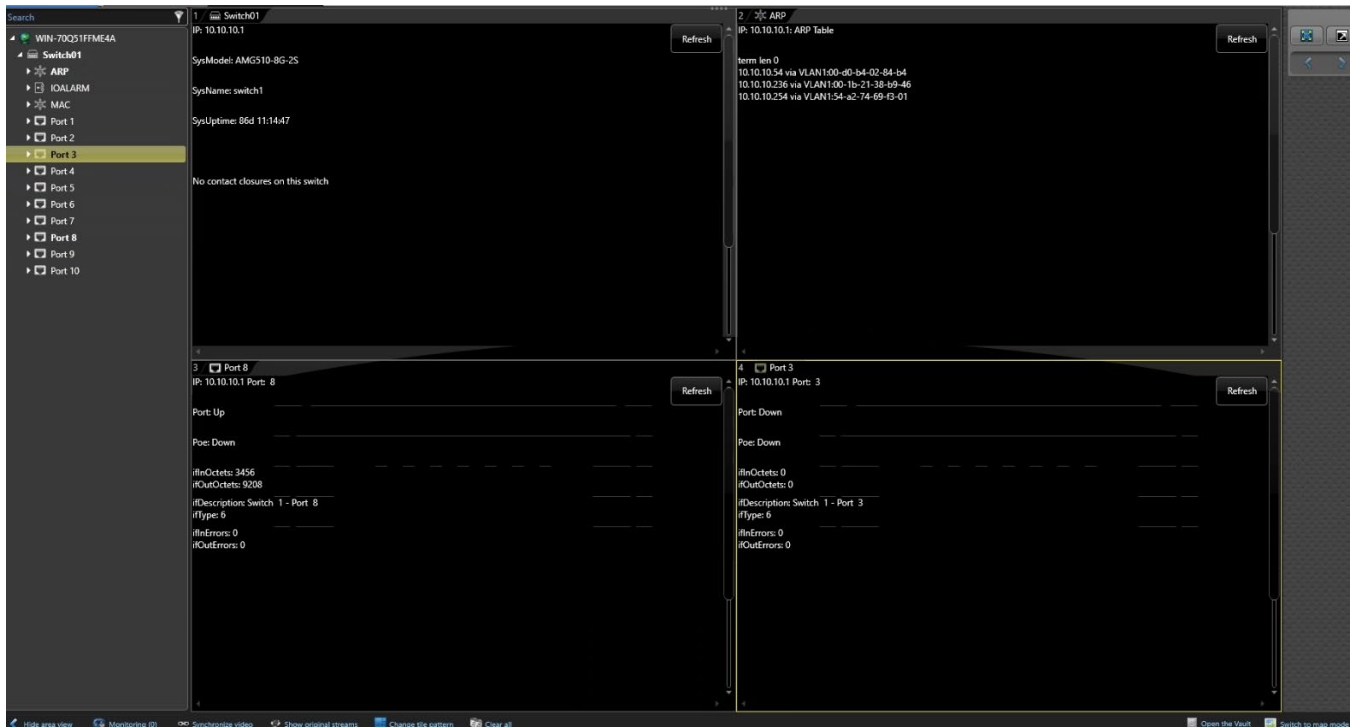
The entity should now appear in Genetec security centre and individual elements should be able to be pulled into tile views.

Note that after adding a switch in config tool the password is encrypted both in the GUI and in the GSC database so will not be human readable



Port control is done via config tool under the port properties note that ports that are disabled show in yellow





All AMG switches added to GSC security desk are custom entities that are saved and held within the Genetec directory database and will be included in any database backups.