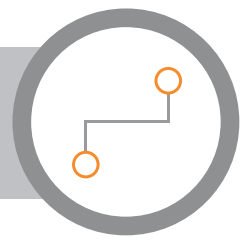


Janus C4 Active Directory Datasheet



Part number: JC4-INT-AD

About the Active Directory Integration

Janus C4 is a powerful yet easy-to-use access control system that allows users to manage and monitor physical access to sites. It integrates access control, alarm and incident monitoring and comprehensive reporting facilities.

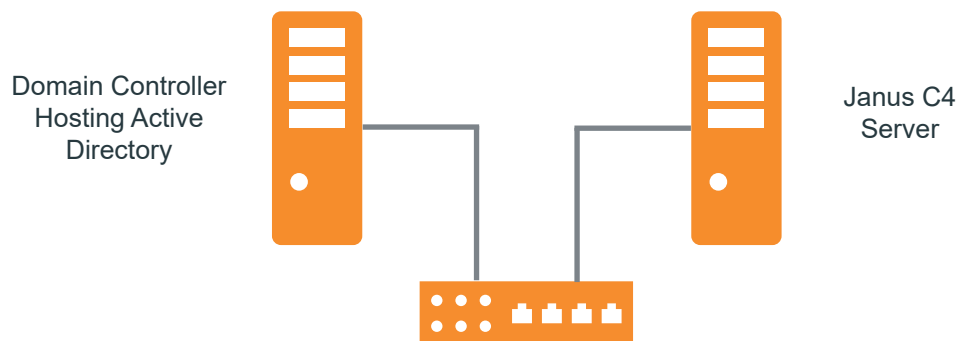
Janus C4 supports interfaces to third-party security systems such as alarms and CCTV systems. The Active Directory Interface is a module that provides a synchronisation between Janus C4 and Active Directory. It enables users defined on the Active Directory to be imported and maintained in Janus C4.



Overview of the Active Directory Interface

The Janus C4 access control system can be integrated with Active Directory.

Integration is managed by a Janus C4 module which manages communication with Active Directory using an IS Connector.



Functionality

The Active Directory Interface module includes the following functionality:

- It allows user information defined in Active Directory to be created and maintained in Janus C4
- It allows the customization of Active Directory to be copied into Janus C4.
- It allows a daily synchronization of data from Active Directory
- It allows a user in Janus C4 to log using their domain account

Prerequisites

The Active Directory interface module requires the following components to be ready to allow the interface commissioning to run successfully:

- A domain account that can be used to query the Active Directory services.
- A basic knowledge of Active Directory services.
- Administrator account access on the Janus C4 server.
- Download the file Janus C4 AD Mapper.xml from the Grosvenor Technology portal.

Active Directory Mapping file

The information from Active Directory is copied across to Janus C4 using a mapping file. This file is provided by Grosvenor Technology from the online portal, and uses the common fields found in Active directory.

The file is in XML format and can be edited to suit the needs of the site.

```
<?xml version="1.0" encoding="utf-16"?>
<DataMappings xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" Name="Janus C4 AD Mapping"
Version="1.0" >
<!--          -->
<!-- Janus C4          -->
<!-- Active Directory          -->
<!-- Mapping File          -->
<!-- This links the AD objects to Janus C4 -->
<!--          -->
<Mappings>
<!-- Necessary for Active Directory Is Connector -->
<Mapping Target="Id" Source="objectguid" xsi:type="GuidMapping"/>
<Mapping Target="Parents" Source="distinguishedname"
xsi:type="StringMapping"/>
<Mapping Target="Class" Source="objectclass" xsi:type="StringMapping"/>
<Mapping Target="Name" Source="name" xsi:type="StringMapping"/>
<Mapping Target="Status" Source="useraccountcontrol"
xsi:type="IntMapping"/>
<!-- Define Credentials and Role -->
<Mapping Target="Card" Source="pager" xsi:type="UlongMapping"
Style="HexNumber"/>
<Mapping Target="Account" Source="samaccountname"
xsi:type="StringMapping"/>
<Mapping Target="Role" Source="title" xsi:type="StringMapping"/>
<!-- Optional -->
<Mapping Target="InternalNumber" Source="description"
xsi:type="StringMapping"/>
  <Mapping Target="Name" Source="sn" xsi:type="StringMapping"/>
  <Mapping Target="FirstName" Source="givenname" xsi:type="StringMapping"/>
  <Mapping Target="MiddleName" Source="initials" xsi:type="StringMapping"/>
  <Mapping Target="Email" Source="mail" xsi:type="StringMapping"/>
  <Mapping Target="CellPhone" Source="mobile" xsi:type="StringMapping"/>
  <Mapping Target="Phone" Source="telephonenumber" xsi:type="StringMapping"/>
  <Mapping Target="Address" Source="streetaddress" xsi:type="StringMapping"/>
  <Mapping Target="City" Source="l" xsi:type="StringMapping"/>
  <Mapping Target="Zip" Source="postalcode" xsi:type="StringMapping"/>
</Mappings>
</DataMappings>
```