

# **Alarm System Configuration File Description**

## **Alarm inputs/outputs Modules**

`al_acq_nnnn.cfg, al_out_nnnn.cfg`

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# 1 Introduction

This document describes the generic settings in the BNCS alarm system input and output configuration files.

The intended audience for the document is system developers and system maintainers.

For each input or output module there is a configuration file. The contents of the file vary depending on the type of module. In each file there is a section called "System", which this document describes. For all other sections refer to the details for each type.

Note that these files should only be edited using the configuration tools.

# 2 Location

The input configuration files are located at:

%CC\_ROOT%\%CC\_SYSTEM%\config\alarms\x\inputs\al\_acq\_nnnn.cfg

The output configuration files are located at:

%CC\_ROOT%\%CC\_SYSTEM%\config\alarms\x\outputs\al\_out\_nnnn.cfg

where "x" is the alarm system name and "nnnn" is the unique module number.

# 3 File Contents

The file is in the standard Windows ini file format, with a ".cfg" extension. All settings that are common are in the "System" section, detailed below.

Name	Description
Name	User-specified name of the module, for example "MDU inputs" This is only displayed by the config tool plugin and is not required to run an alarm system which uses the module.
ConfigTool	The path for the configuration tool plug-in to edit this file. This path is internal to the configuration system, not a directory path.
Module	The name of the alarm module dll that is loaded at run time that will use this configuration information.
AlmSystem	The name of the alarm system. This is only present for output modules.

### 3.1 Example of File Contents

Sample contents for the System section of an alarm input/output configuration file.

```
[System]
Name=Alarm_Output
ConfigTool=Home/Alarms/Outputs/Bncs Output
Module=alm_bncs_op
AlmSystem=MCR
```

## 4 Version History

Version numbers shown here may not be seen within the software itself. The implementation date is a more reliable way of determining whether a particular issue is present in any particular instance of the software.

Version	Date	State / Changes	Author
0.1	16/11/2006	Initial document created	Mark Baldry
	28/01/2015	Document revised to current conventions and template.	Richard Kerry

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