BNCS Utility

Atos IT Solutions and Services

BNCS

SetLana

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1   Introduction

This document describes an application originally written by David Yates.

SetLana is a utility to allow the user to select which network adapter/protocol binding the BNCS traffic uses.

1.1   Operation

When the application is run it will display a list of available protocols and associated network adapters. Select the correct network for the Colledia Control™ system you wish to use. Selecting OK will save the selected option to all of the possible places that it may be read from. Later versions (4.5.2.0) support the "V3 path" specified in "bncs_config.ini".

Note that any application that uses this setting will only read it on start-up so applications will need to be re-started before the changes have any effect.
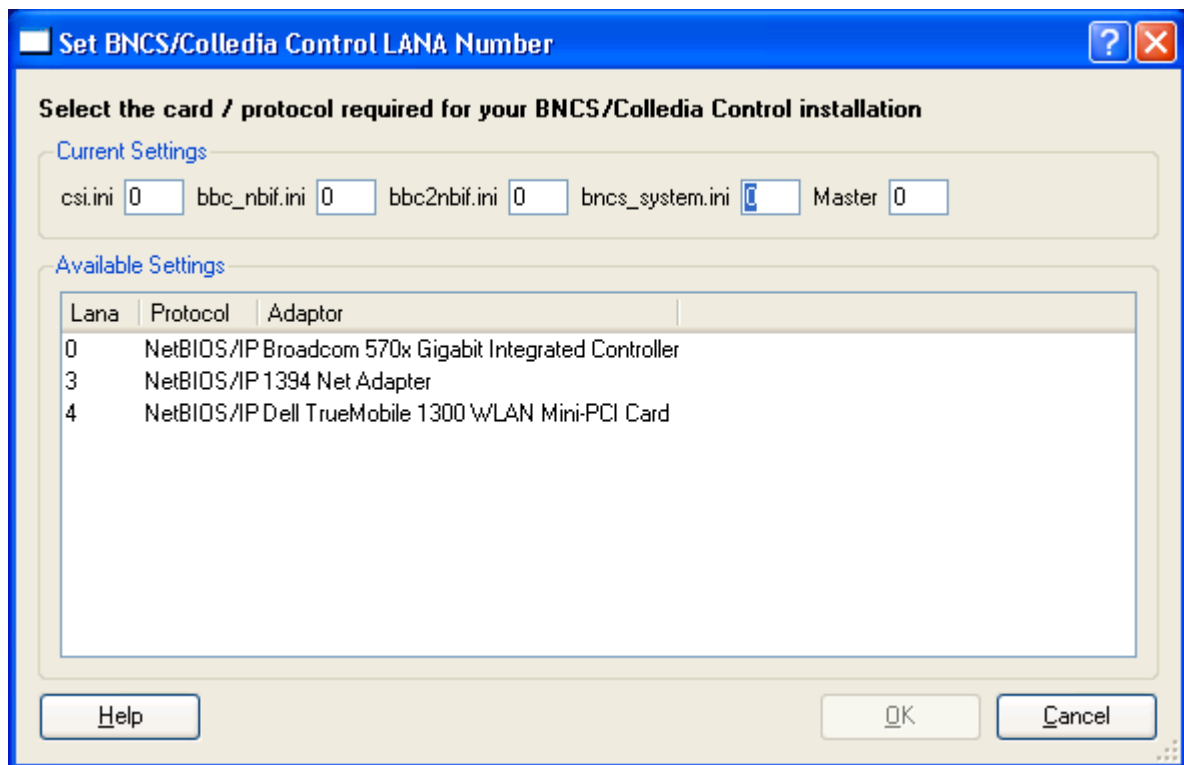

Figure 1 SetLana Application

Figure 1 shows a typical laptop, in this case there are 3 network adapters, each with NetBIOS over IP as the only available protocol.

1.2   Dependencies

Earlier versions of this application relied on LanaCfg.exe, which was previously supplied by Microsoft, to actually get the information. The latest version will read the registry to get all the information required.

It is still possible to use lanacfg, by supplying the '/uselanacfg' qualifier when the application is run.

2   Parameters

The following parameters may be used.

2.1   /uselanacfg

This will cause the program to be run in the original way, ie by using a call to lanacfg.exe to get the list of Lan adaptors.

It is occasionally necessary to use this if there is a problem with accessing the registry directly.

It needs lanacfg.exe to be available, either in the same folder as setlana, or under C:\Windows.

2.2   /debug

This prints extra debugging information to the debug output, which can be seen using SysInternals' DebugView or similar.

2.3   /root=xxx, /system=xxx

These will override the root and system values normally read from environment variables CC_ROOT and CC_SYSTEM.

3   Version Control

Version	Date	Author	Comments
0.1	7 November 2006	Mark Baldry	
0.2	20 November 2006	Richard Kerry	Version not dependent upon lanacfg.
0.3	21 November 2006	Richard Kerry	
0.4	23 April 2008 16:27	Richard Kerry	Added parameter descriptions.
	11th June 2009	David Yates	Made V3 aware