

General Information for Con-nect SNADS

This chapter contains general information for installing Con-nect SNADS.

It covers the following topics:

- Prerequisite Software
 - SNADS Network Terms and Naming Concepts
 - Communicating with Systems that are not SNADS Nodes
 - CICS 31-BIT Addressing
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Prerequisite Software

Before installing Con-nect SNADS, ensure that the following software is already installed:

- Con-nect Version 3.4.1 or above with its prerequisite software (e.g. Adabas database software);
- Natural Version 4.1.2 or above with the appropriate Natural CICS or Natural Complete interface.
- EntireX Broker Services, or CICS (for the currently supported version, see the Natural documentation).

SNADS Network Terms and Naming Concepts

The following terms are used when discussing SNADS networks:

Acronym	Description
SNA	System Network Architecture
SNADS	System Network Architecture Distribution Services
DSU	Distribution Services Unit (node in network)
DU	Distribution User (person/application in network)
DIU	Distribution Interchange Unit (distribution object; i.e. message, document)

The following terms define the SNADS network naming concept:

Acronym	Description
DSUN	Distribution Services Unit Name
	The name of a node in the network; each node within a network must have a unique name.
	The DSUN consists of a RGN and a REN separated by a period as follows:
	DSUN=RGN.REN
	RGN Routing Group Name
	An optional value (usually blank) used to distinguish duplicate REN values by routing group.
	REN Routing Element Name
	A required value that must be unique within a routing group. If RGN is blank (i.e. DSUN=blank.REN), then the REN value is equivalent to the node name (DSUN) and must be unique within the network.
DUN	Distribution User Name
	The name of a user in the network. The DUN consists of a DGN and a DEN separated by a period as follows:
	DUN=DGN.DEN
	DGN Distribution Group Name
	A value identifying a group of users; typically a node or application name.
	DEN Distribution Element Name
	A value identifying a specific user within a group of users; typically a user ID or a name.

A possible configuration for a user's SNADS address can consists of the DSUN (RGN + REN) and the DUN (DGN + DEN) together as follows:

DSUN		DUN
RGN + REN	+	DGN + DEN
blank.node		node.user

Communicating with Systems that are not SNADS Nodes

Con-nect users may exchange information with users on other Con-nect nodes and with users of other office systems that provide SNADS implementations (e.g. DISOSS). Con-nect users may also exchange information with users of office systems that do not provide SNADS implementations (e.g. PROFS) when gateway functionalities such those provided by DISOSS or Soft-Switch Central are used.

Lotus Development Central

Software AG has performed extensive testing of Con-nect SNADS with Lotus Development Central, a software protocol converter that is available from Lotus Development, Inc. of Wayne, Pennsylvania, U.S.A. This product provides SNADS support for many systems that provide electronic mail but do not offer SNADS networking capabilities.

CICS 31-BIT Addressing

Con-nect SNADS fully supports CICS 31-bit addressing mode. If you are installing Con-nect SNADS for the first time, or upgrading your Con-nect SNADS to Version 1.5.1, CICS 31-bit addressing mode is automatically available. For further information, see *Installation Steps*.