Quick Start Guide E-Clipse Bypass on a LonWorks network (FLON-01) with Echelon<sup>®</sup> LonMaker<sup>®</sup> Turbo SR1 Software



## Overview

Description:

This document contains an overview on how to setup ABB E-Clipse Bypass in LonMaker<sup>®</sup> Turbo on a LonWorks network.

## **Reference Documentation:**

User's Manual, E-Clipse Bypass Configuration, 3AUA000001646 User's Manual, LonWorks Adapter Module FLON-01, 3AUA0000041017 Quick Start Guide for E-Clipse Bypass FLON-01Adapter Module (LonWorks<sup>®</sup>) 3AUA0000050942

## 1) Open the Echelon LonMaker application.



Using the LonMaker basic shapes template, drag the Device shape onto the projects communication drawing.

2) Enter a unique Device name for the equipment.

V	Device nam	x ACHSS0_Drive_1	
Y	Device Ter Create Name:	nplate	v
	T Auto-	letect channel	
	Type:	TP#T-10	*
	Nome:	Channel 1	

3) Locate the .XIF file for the FLON device.

(Download this from www.abb.com, www.Lonmark.org, or upload from the FLON-01) In your computers C:\Lonworks\Import folder create a

new folder and name it ABB. Save the .XIF files into

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4) Locate the LonWorks\Import\ABB directory and link the device to the proper .XIF file.

New Device Wizard				
Current template:				
Device name(s):	ACH550_Drive_1			
Edemai Interface Defin	tion			
G Load XIF File:	C LonWorks (Impor	KABBVFLON-01.xif	Browse	
	Template name:	FLON-01		
C Existing template	Name:	Echelon Al-10v2	~	
	< Back Next >	Finish	Cancel	Help

5) After device has been added to the drawing, select the Functional Block shape from the LonMaker Basic Shapes.



6) Select the type of functional block that you wish to add for the device. You will be required to add function blocks for **each** of the items in the drive you wish to perform bindings with.

unctiona	l Block Wizard		δ
Select Devi	ce and Functional Block Instan	ce.	
Source F	unctional Block		
None:		Type:	
Subsyste	in		
Nome:	Subsystem 1		Browse
Device			
Norne:	ACH550_Drive_1	Type: FLON-0	и
Function	W Block		
Type:	Open-Loop Sensor (OLS)		ID: 1
Name:	DigitalOutput(0)	•	
New FB na	пе	Number of FBs to create:	1 4
DigitalOut	put[0]		1
		Create al network variable	s snapes
		Create all mandatory NVs	
	/	Create all optional NVs	
	/		
			const 1 Har
	/ -	Findh	Cancel Help

**Note:** Check Create all network variables shapes if you wish for associated NVI's and NVO's to be automatically added to this function block.

7) You may commission the device by right clicking on it and selecting commission from the list. Enter Neuron ID manually or Service pin the device. To determine the Neuron ID of the device see the quick start guide for E-Clipse Bypass FLON-01 Adapter Module or the FLON-01 User's Manual for parameters to be read.

Commission Device Wizard			
Device identification method			
Device name(s): ACH550_Drive_1			
C Service pin			
Manual Nauron ID: 20000000000			
<beck next=""> Finish Cancel</beck>	Help		