

ATM Quick Configuration Guide

For Connecting an ATM to a C2C or an E2C

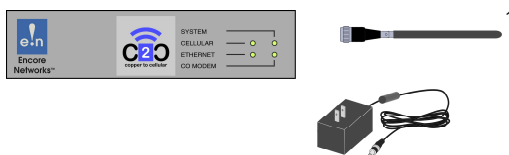
This document provides quick guidelines for configuring your automated teller machine (ATM) to use a C2C or E2C router. Configuration of the ATM is quick. And you do not need to configure the C2C or E2C router itself; configuration of the C2C or E2C is automatic, supporting its connection to one or two ATMs. Your ATM can connect to one of the following routers:

- The C2C: This router has an RJ11 analog modem port and an Ethernet port. It can support one or two ATMs at the same time: one ATM that uses a dial-up connection to reach the ATM host, and/or one ATM that uses an IP connection to reach the ATM host.
- The E2C: This router has a single Ethernet port. It can support one ATM that uses an IP connection to reach the ATM host.

The shipment includes the C2C chassis or the E2C chassis, an antenna (in various styles), and an AC power cord (Figure 1-1). Attach the antenna to a cellular port on the back of the C2C or E2C router (Figure 1-2). Then plug the router's AC power cord into an AC power outlet, and wait for the router's wireless card to be activated in the wireless network.

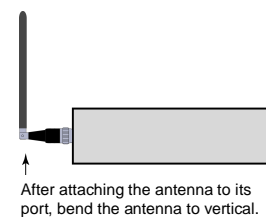
Note: When wireless activation is complete, the Cellular LED on the front of the router should blink 1 to 5 times (to indicate signal strength), followed by a long blink (to indicate activation); then the blinking cycle should repeat. If you do not see that LED pattern, contact your wireless carrier.

Figure 1-1. C2C or E2C Chassis, Antenna, AC Power Cord



1. A rear-mounted antenna, similar to the one shown, is shipped with the C2C or E2C chassis. An optional magnetically mounted miniature antenna, with an 8-foot or 10-foot coaxial cable, can be ordered.

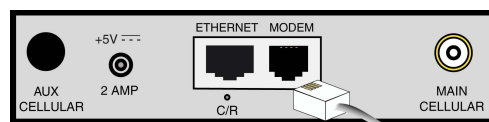
Figure 1-2. Attaching the Antenna to the C2C or E2C



1.1 Configuring an ATM to Use a Dial-Up Connection to the C2C

When you connect the C2C router's analog modem port (Figure 1-3) to an ATM, the C2C initiates communication. The C2C automatically adjusts to the connection specifications the ATM needs.

Figure 1-3. RJ11 Modem Port on Back of C2C



After you connect the C2C's modem port to the ATM, and connect the C2C to an AC power outlet and wait for the C2C's wireless card to be activated, you can configure the ATM to dial into the C2C.

- 1 Log into your ATM as administrator. Navigate to the ATM screen for host telephone numbers.
- 2 Enter the host's principal and secondary numbers. Use the information in Table 1-1 (on page 4). If your ATM model can use alternate numbers to dial the host, enter those numbers, too.

1.2 Configuring an ATM to Use an IP Connection to the C2C or E2C

After you connect the C2C or E2C Ethernet port (Figure 1-4 or Figure 1-5) to the ATM, and connect the C2C or E2C router to an AC power outlet and wait for the router's wireless card to be activated, you can configure your ATM to use the router.

Figure 1-4. RJ45 Ethernet Port on Back of C2C

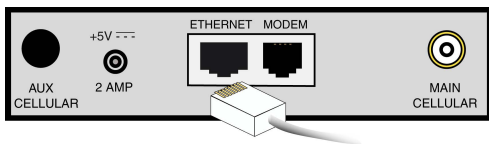
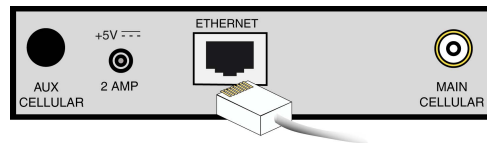


Figure 1-5. RJ45 Ethernet Port on Back of E2C



Log into your ATM as administrator. Use the information in Table 1-2 (on page 4) to configure your ATM to communicate with the C2C or E2C. Follow one of the procedures below for your ATM model.

Nautilus Hyosung ATMs

Communication Parameters

- 1 Navigate to the Customer Setup screen. Press the **Select Processor** button. The Select Processor screen is displayed.
- 2 Select **Communication**. The Communication screen is displayed. Select **TCP/IP** until the communication type is TCP/IP.
- 3 Select the **Cancel to Return** button at the bottom of the Communication screen to return to the Select Processor screen. Select **TCP/IP Type**. The TCP/IP Type screen is displayed.
- 4 Following the instructions the ATM processing system gave you, do *one* of the following:
 - a Select **Visa Framed**. Then, at the bottom right of the screen, select **Next**. The EOT/ENQ Option screen is displayed. Select the EOT and ENQ options specified by the ATM processing system.
 - b Select **Standard**.
- 5 Select the **Cancel to Return** button at the bottom of each screen until you return to the Customer Setup screen. Then, if you selected **Standard** in step 4 **substep b**, and if the ATM processing system specified Standard 3 format, select **Standard3 Option**. The Standard 3 Option screen is displayed. Select the CRC options (**Enable** or **Disable**) specified by the ATM processing host.

System IP Parameters

- 6 If your ATM will use dynamic IP addressing, go to [DHCP Client](#).
- 7 If your ATM will use a static IP address, go to [Static IP Address](#).

DHCP Client

- 8 Navigate to the System Setup screen. Select **Terminal IP**. The Terminal IP screen is displayed.
- 9 To enable DHCP, select **DHCP En/Disable** once or twice so that the screen does not display the ATM's IP number. Go to [Host IP Parameters](#).

Static IP Address

- 10 Navigate to the System Setup screen. Select **Terminal IP**. The Terminal IP screen is displayed.
- 11 To disable DHCP, select **DHCP En/Disable** once or twice so that the screen displays the ATM's IP number. Then set the following:

IP Address:	192.168.10.2
Subnet Mask:	255.255.255.0
Gateway:	192.168.10.1

Host IP Parameters

- 12 Navigate to the ATM's Host Setup screen. Select **Host Address**. The Host Address screen is displayed.
- 13 Select **Port Number1**. In the field that is displayed, enter the ATM host's remote port number.
- 14 Select **Address1**. On the virtual keyboard that is displayed, type the ATM host's URL or IP address. Then select **OK**.
- 15 Save the information in your ATM's configuration. Sign out of ATM administration and prepare the ATM for customer use.

Tranax, Hantle, and Genmega ATMs

Communication Parameters

- 1 Navigate to the Customer Setup screen. Select the **Change Processor** button. The Change Processor screen is displayed.
- 2 Select **Communication**. The Communication screen is displayed. Select **TCP/IP** until the communication type is TCP/IP.
- 3 Select the **Cancel to Return** button at the bottom of the Communication screen to return to the Change Processor screen. Select **TCP/IP Type**. The TCP/IP Type screen is displayed.
- 4 Following the instructions the ATM processing system gave you, do *one* of the following:
 - a Select **Visa Framed**.
 - b Select **Standard**.

- 5 Select the **Cancel to Return** button at the bottom of each screen until you return to the Customer Setup screen. Then, if you selected **Standard** in step 4 **substep b**, and if the ATM processing system specified Standard 3 format, select **Standard 3 Options**. When you see the Extended Messaging options, select the CRC options (**Enable** or **Disable**) specified by the ATM processing system.

System IP Parameters

- 6 If your ATM will use dynamic IP addressing, go to **DHCP Client**.
- 7 If your ATM will use a static IP address, use a **Static IP Address**.

DHCP Client

- 8 Navigate to the System Setup screen. Select **Device Setup**. The Device Setup screen is displayed.
- 9 Select **ATM TCP Setup**. The ATM TCP/IP Setting screen is displayed.
- 10 To enable DHCP, select **TCP/IP Mode** once or twice so that the screen displays DHCP MODE. Go to **Host IP Parameters**.

Static IP Address

- 11 Navigate to the System Setup screen. Select **Device Setup**. The Device Setup screen is displayed.
- 12 Select **ATM TCP Setup**. The ATM TCP/IP Setting screen is displayed.
- 13 To disable DHCP, select **TCP/IP Mode** once or twice so that the screen displays the ATM's IP number. Then set the following:

IP Address:	192.168.10.2
Subnet Mask:	255.255.255.0
Gateway:	192.168.10.1

Host IP Parameters

- 14 Navigate to the ATM's Host Setup screen.
- 15 Select **Change Host IP Address**. In the field that is displayed, enter the ATM host's IP address.
- 16 Select **Change Host Port**. In the field that is displayed, enter the ATM host's remote port number.
- 17 Save the information in your ATM's configuration. Sign out of ATM administration and prepare the ATM for customer use.

Triton ATMs

Communication Parameters

- 1 On the Management Functions screen (Main Menu), select **Configure Terminal**.
- 2 If you don't see the **Communication** button on the Configure Terminal screen, select **More**. When you see the **Communication** button on the screen, select it.
- 3 In the Communication screen, select **Communication Protocol** (or, on some ATMs, **Communication Type**).
- 4 Select **TCP/IP**, and then select **Communication Message**. Refer to your ATM processor's instructions and select one of the following formats:
 - Triton Standard
 - Triton Standard, No CRC
 - Triton Standard with EOT

System IP Parameters

- 5 If your ATM will use dynamic IP addressing, go to **DHCP Client**.
- 6 If your ATM will use a static IP address, go to **Static IP Address**.

DHCP Client

- 7 On the Main Menu, select **Configure Terminal**. Then select **Communication**, and select **Communication Protocol** (or, on some ATMs, **Communication Type**).
- 8 Select **TCP/IP**. The ATM TCP/IP Setting screen is displayed.

- 9 To enable DHCP, make sure **Permanent** (or **Persistent**) **TCP/IP Connection** is *not selected*. Go to **Host IP Parameters**.

Static IP Address

- 10 On the Main Menu, select **Configure Terminal**. The select **Communication**, and select **Communication Protocol** (or, on some ATMs, **Communication Type**).
- 11 Select **TCP/IP**. The ATM TCP/IP Setting screen is displayed.
- 12 To disable DHCP, make sure **Permanent** (or **Persistent**) **TCP/IP Connection** is *selected*. Then set the following:

IP Address:	192.168.10.2
Subnet Mask:	255.255.255.0
Gateway:	192.168.10.1

Host IP Parameters

- 13 On the Management Functions screen (Main Menu), select **Configure Processors**. Navigate to the ATM's Host Setup screen.
- 14 Select **Change Host IP Address**. Enter the ATM host's IP address.
- 15 Select **Change Host Port**. Enter the ATM host's remote port number.
- 16 Save the information in your ATM's configuration. Sign out of ATM administration and prepare the ATM for customer use.

Table 1-1. Dial-Up Connections to ATM Processing Systems

ATM Processing System	Principal/Secondary/Alternate	Dial
Digital Network Solutions	principal	1-800-816-5409
	secondary	1-800-816-5410
EFX	principal	1-855-871-1292
	secondary	1-866-365-2346
Élan	principal and secondary	1-800-472-6210
	alternate	2222
Switch Commerce	principal	1-800-931-8497
	secondary	1-800-931-6030
	alternate	3333
WorldPay	principal	1-800-827-5965
	secondary	1-800-486-5965
	alternate	4444

Table 1-2. IP Connections to ATM Processing Systems

ATM Processing System	Remote DNS (using URL) or Remote IP Address	Remote Port
Digital Network Solutions	atmssl.dnsatm.com	8002
EFX	myatmconnect.com	9004
Élan	pos.tnsi.com	5162
Switch Commerce	pos.tnsi.com	5231
WorldPay	tptrans.lynksystems.com	6660
		6661