

## 1. Overview

The purpose of this application is to easily configure the connection between Baxi Agent integration component and the ITUs that a merchant wants to connect to one or several ECRs.

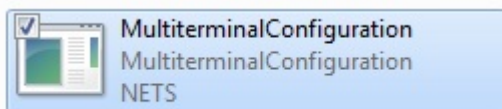
### 1.1. Terms

Term	Description
ITU	Integrated Terminal Unit
ECR	Electronic Cash Register
TerminalID	ID of the ITU where the message is sent/where the message is received. Same ID as the physical terminal has.

## 2. Starting the application

Before starting the Multi terminal Config application make sure the Baxi Agent is started. Also the "BaxiAgentServerIpAddress" and "BaxiAgentServerPort" properties from the config file needs to be set up in order to be able to connect to Baxi Agent.

The application can be started up as a standalone application



or it can be opened by right click on the Baxi Agent tray icon:

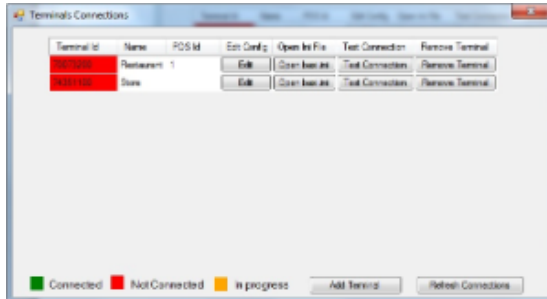


**i** Note! The tray icon is not shown when the Baxi Agent is started up as a Windows service.

### 3. ITU configuration window

#### 3.1. Main window

The main window of the application contains the list of the ITUs that are connected automatically (via One port communication) or that were already configured. If no connection was configured earlier the list will be empty.

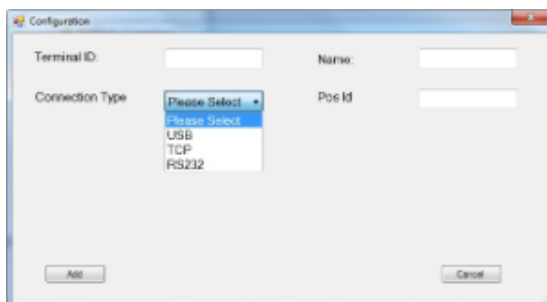


#### 3.2. Adding new terminals

The "Add Terminal" button pops up a new window which contains the fields needed to configure the connection to a new ITU. Due to the fact that we need to identify each ITU individually, the Terminal ID field has to be unique. The Name field is optional and used for a more user-friendly identification of the ITU.

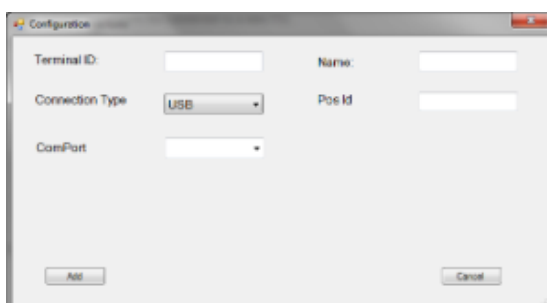
There are 3 connection types in the "Connection Type" dropdown list: USB, TCP and RS232. Connection type select must have the matching setup on the ITU, e.g. IP address and TCP port must be accordingly to ITU.

**i** *Note! ITUs connected via One Port Communication do not need to be added manually to the list, they will appear automatically after connecting to Baxi Agent.*



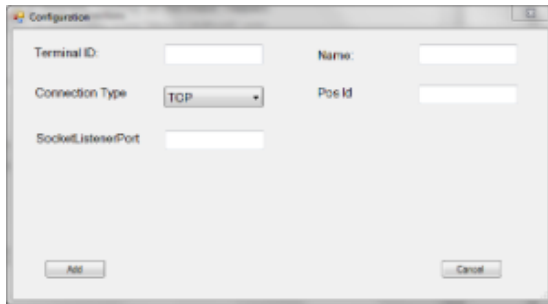
Each of these options enables the fields specific to that connection type:

##### 3.2.1 USB: ComPort



ITU setup: Set the ECR Com type to USB the ITU and set the ComPort to the one that has been given by Windows to Virtual ComPort (USB). This can be checked from the device manager.

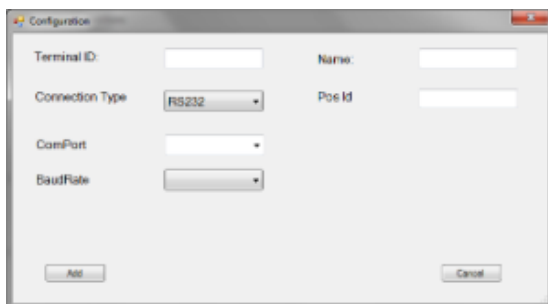
##### 3.2.2 TCP: SocketListenerPort



Configuration window showing fields for Terminal ID, Name, Connection Type (set to TCP), Pos Id, and SocketListenerPort. Buttons for Add and Cancel are at the bottom.

ITU setup: Set the ECR IP address in the ITU to the Baxi.Agent IP (IP of the server where service is running) and TCP port to the same as SocketListenerPort.

### 3.2.3 RS232: ComPort and BaudRate



Configuration window showing fields for Terminal ID, Name, Connection Type (set to RS232), Pos Id, ComPort, and BaudRate. Buttons for Add and Cancel are at the bottom.

ITU setup: Set the ECR Com port number in the ITU to the same as in ComPort field and ITU BaudRate to the same as listed in BaudRate selection.

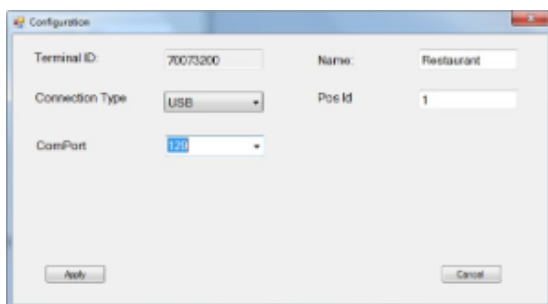
**i** Note! The Pos Id field is used only for identifying the ITU to which GenClient wants to connect and it is not mandatory.

## 3.3. Edit configurations

Editing the configuration of an already added ITU can be done by pressing the “Edit” or the “Open baxi.ini” buttons in the corresponding row.

### 3.3.1. Edit configuration window

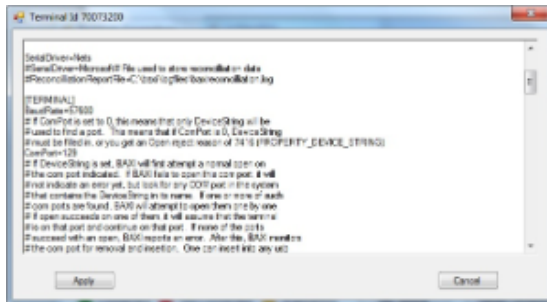
When pressing the “Edit” button a new window will appear with the configured fields filled in. In this case the Terminal ID field cannot be because this would mean to basically add a new connection or to edit other ITU configuration.



Configuration window showing fields for Terminal ID (70073200), Name (Restaurant), Connection Type (set to USB), Pos Id (1), and ComPort (COM1). Buttons for Apply and Cancel are at the bottom.

### 3.3.2. Edit baxi.ini file

When selecting the “Open baxi.ini” button a new window appears, showing the content of the baxi.ini file corresponding to the configured ITU. In this case all the properties can be changed. By clicking the “Apply” button the initial baxi.ini file will be overwritten with the new configuration.



**Note!** After applying changes for an ITU make sure to Test the connection or Refresh connection list in order the changes to take effect!

### 3.4. Test connection

After finishing the configuration of a connection there is the possibility to check whether the configuration is correct or not by pressing the "Test connection" button. Testing the connection is done by opening the connection between Baxi Agent and ITU. As a result to the test connection request we get "Terminal is connected!" or "Terminal is not connected!" messages. When terminal is busy, on Test Connection will be displayed the message: "Terminal is on bank mode".

The background color of the Terminal ID cell from the main window indicates the state of the connection:

- Red: the ITU is not connected
- Green: the ITU is connected
- Orange: the ITU has an action in progress
- Gray: the Test connection is in progress

Terminal Id	Name	POS Id	Edit Config	Open Ini File	Test Connection	Remove Terminal
70073200	Restaurant	1	Edit	Open baxi.ini	Test Connection	Remove Terminal
74351100	Store		Edit	Open baxi.ini	Test Connection	Remove Terminal

### 3.5. Remove ITU

A configured ITU can be deleted with the "Remove terminal" button in the corresponding row.

### 3.6. Refresh connections

The "Refresh Connections" button performs a "Test connection" on each ITU that is in the list. When the application receives the response for each ITU the "Connection list updated successfully" message appears.