

Protocol Converter

What Is the Protocol Converter?

The RadBlue Protocol Converter (RPC) lets you quickly interface your kiosks to a casino's proprietary and S2S voucher systems through an easy-to-implement API interface. The Protocol Converter can provide an interface to a single kiosk server or multiple individual kiosks.

Which Voucher Systems Are Supported?

The current Protocol Converter version connects to the following systems:

- IGT Advantage or EZPay, using IGT's proprietary CTN protocol
- Bally Technologies SDS, using Bally's proprietary STC protocol
- Any system compliant with the GSA S2S 1.2.6 protocol

How Does the Protocol Converter Work?

The Protocol Converter is a software application that can be run on any Windows or Linux server. The Protocol Converter uses Apache Derby, a light-weight database, to keep track of registered kiosks.

Each instance of the Protocol Converter has its own instance of Derby. Note that any single instance of the Protocol Converter server can only be configured to connect to a single voucher server.

A dedicated kiosk server uses a single instance of the Protocol Converter application. *Figure 1* shows the configuration for a dedicated server.

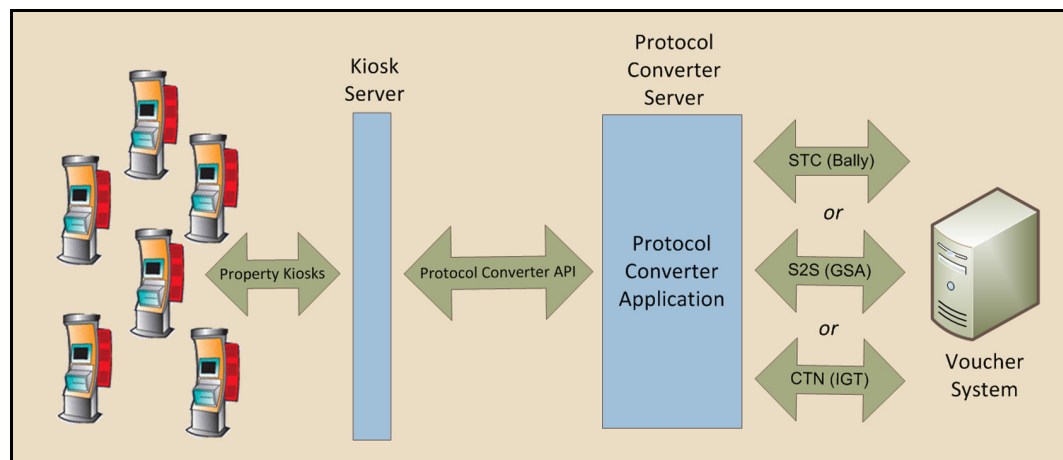


Figure 1: Dedicated RPC server

Multiple Protocol Converter instances can be configured to run on a single, shared server. As in the case of the dedicated server, each of the Protocol Converter instances communicates to a single voucher server.

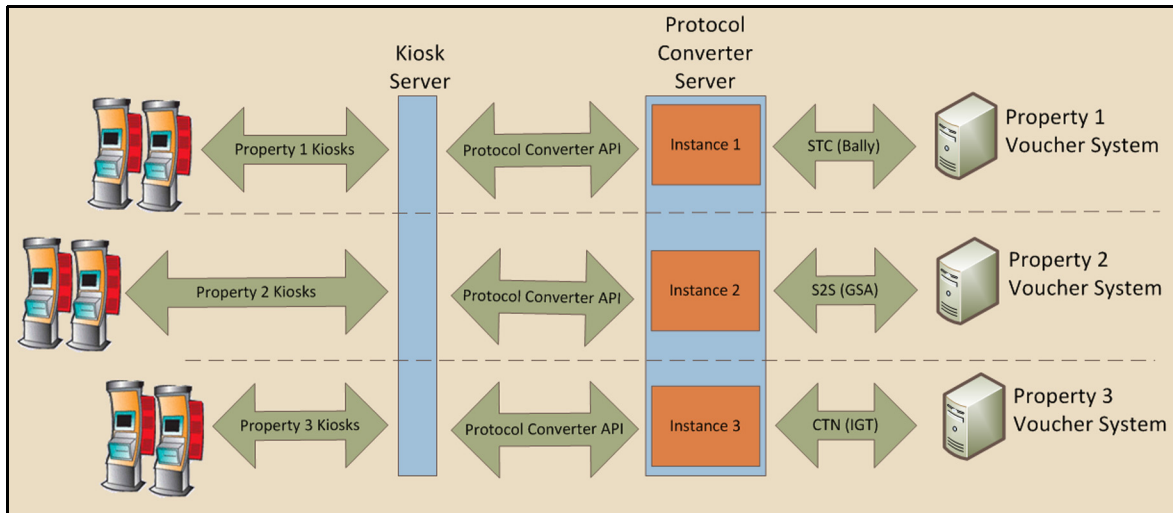


Figure 2: Shared RPC server

To discuss the configuration *you* need, contact Russ Ristine at: 775.329.0990 or Russ@RadBlue.com.

Protocol Converter Development Road Map

Implementing the Protocol Converter is quick and easy. Simply:

1. **install** the Protocol Converter API and simulators.
2. **configure** the host protocol file(s).
3. **set up** authentication and encryption.
4. **interface** your product to the Protocol Converter, using the API, simulators and implementation guide.

How Do I Get Started?

The *Protocol Converter Implementation Guide* and Protocol Converter simulators provide you with the tools you need to create an interface between your kiosks, or kiosk server, and the Protocol Converter server. The Protocol Converter server is a Java application, running under the Java 1.6.1-01 environment.

The minimum requirements for computers running the Protocol Converter are:

- Operating System: Windows XP, Windows Vista, or Linux
- Memory: 2 GB
- Hard Drive: 120 GB
- Disk Space: 250 MB
- Processor: Intel 2.8 Ghz or comparable
- Runtime Environment: Java 1.6.1
- Evaluation License from RadBlue to try out the product

For more information, contact Russ Ristine at: 775.329.0990 or Russ@RadBlue.com