

PRODUCT BRIEF

Bryx 911 CAD Interface
Dispatch-Courier

Bryx Dispatch-Courier for Direct CAD Integration

Key Features

- ✓ Standalone software runs on Linux, Mac or Windows
- ✓ Watches for new files written to a directory and sends them securely to Bryx
- ✓ Runs behind the firewall (only requires outgoing traffic over HTTPS port 443)
- ✓ Heartbeat notifies owner of system failure
- ✓ Can be run on multiple systems to provide high availability
- ✓ Integrated system service for Windows

The Dispatch Courier software exists to establish a link to Bryx from CAD software that cannot easily send outgoing communications via traditional paging mechanisms. The Dispatch Courier can either watch a directory for newly written file handles and upload their contents to Bryx for processing, or periodically query a database table (or view), limiting on a time column to retrieve only the latest updated rows. Database integrations with MySQL and Microsoft SQL Server instances are presently supported.

Connections are made via standard transport sockets and connection information is supplied by the end-user via a configuration file. The software will encode the retrieved data string in Base64, construct a JSON message with that encoded data, and send the data via an HTTPS POST request to Bryx using the provided authentication token. From there, all processing occurs in the Bryx cloud.

The software is written in Go, and cross-compiled for Windows, Mac, and Linux. In terms of network connectivity, so long as the target machine has the ability to connect to the database server or file share in some fashion (even over a VPN), as well as a way to send data out (even behind a firewall) via HTTPS, the software will work.

The software bundle includes documentation on how to get set up. If you are using files, you'll need to provide the directory to watch (can be a file share); for a database, you can create your own query or use the default query-less behavior. A unique token and destination identifier will be provided to authenticate your connection.

If you are interested in getting started with Dispatch Courier for your agency/PSAP, contact Bryx Support at support@bryx.com.

