GenSPOut (Genesis Specified Packet Output) splits complex trunking network data, filters and distributes it to multiple destinations. A powerful specialty module for GenWatch3®, GenSPOut formats multiple input streams, such as 3600 or P25 Control Channel, ATIA and location (OLS). Then GenSPOut passes the data to a variety of user-defined external devices, such as specialized CAD systems, consoles, voice recorders, alarm devices and much more!
GenSPOut starts with the packet stream flowing through GenWatch3. Packets are parsed and duplicated to feed user-configured connections. From there, GenSPOut filters and eliminates any unnecessary data. Finally, it re-assembles the desired data and parses it to all desired devices.

OUTPUT DATA TYPES

An output is a packet of data that will be sent out on one or more connections each time a certain packet type of information is received by GenSPOut. The solution offers dozens of trunked radio system packet types. The most common are:

- **Emergency Alarm**: Received when the radio's emergency button is pushed
- **ID or ID Alias**
- **Talkgroup or Talkgroup Alias**
- **Call Type**: Identifies whether call is normal, busy, emergency, etc.
- **GPS Location**: Indicates the radio's GPS device is updating its location to Motorola OLS
- **Status**: Indicates a radio user has sent a status update
- **Channel Assignment or Ongoing Channel Assignment**
- **End of Call**
- **Current Control Channel**: Notifies radios of the current frequency on which data is being transmitted
- **Call Info Change**: Received when call parameters have been updated
- **Busy or Ongoing Busy**: Indicates busy conditions
- **End of Busy**: Issued when a busy is ended

CONNECTION PROTOCOLS

There are three possible types for connections:

- TCP Server
- UDP Server
- Serial

SOLUTION BENEFACTORS

Because of its unique filtering and distribution capabilities, GenSPOut is an extremely useful tool for:

- Voice Recorders
- Console Manufacturers
- CAD Vendors

CONTACT GENESIS

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