

CONTROL STATION CAPABILITY GUIDE: L3HARRIS XL-200M RADIO SERIES

Offering multi-protocol support, InterTalk’s integration with L3Harris XL-200M series of radios not only meets the needs of the business and industry markets (B & I), but also meets current and future interoperability requirements for public safety.

InterTalk console solutions interface to L3Harris XL-200M radios using the Sentinel IP Radio Gateway to enable standard InterTalk console features for control station endpoints.

CAPABILITIES

InterTalk uses a wireless console interface with a connection to the Sentinel IP Radio Gateway. The console communicates with XL radio through a Sentinel endpoint. In addition to standard InterTalk console features such as Select, Unselect, Multi-Select, Patch, and Mute, InterTalk supports the following for L3Harris XL radio endpoints.

FEATURE MATRIX

| Capability | P25 Conv. | Description |
|--------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Channel/Frequency Change | ✓ | Allows a dispatcher to change the channels or frequencies of the connected device. The interface supports up to 16 channels or frequencies, depending on the characteristics of the radio system. |
| PTT ID / Alias | ✓ | Gives a dispatcher a visual indication of the identity associated with the last voice transmission. An identity can represent the raw subscriber unit ID (PTT-ID) or an alphanumeric string representation of it (ANI Alias). The identity can display in the Activity History and on the associated endpoint pad using the ANI pad extender. For example, a PTT ID of 2225 can be aliased to “Police 1.” |
| Emergency Calls/State | ✓ | Notifies a dispatcher of an emergency situation in the field using a unique ring and visual indication. When a subscriber presses the emergency button or dials the emergency DTMF string, the endpoint generates an emergency call and |

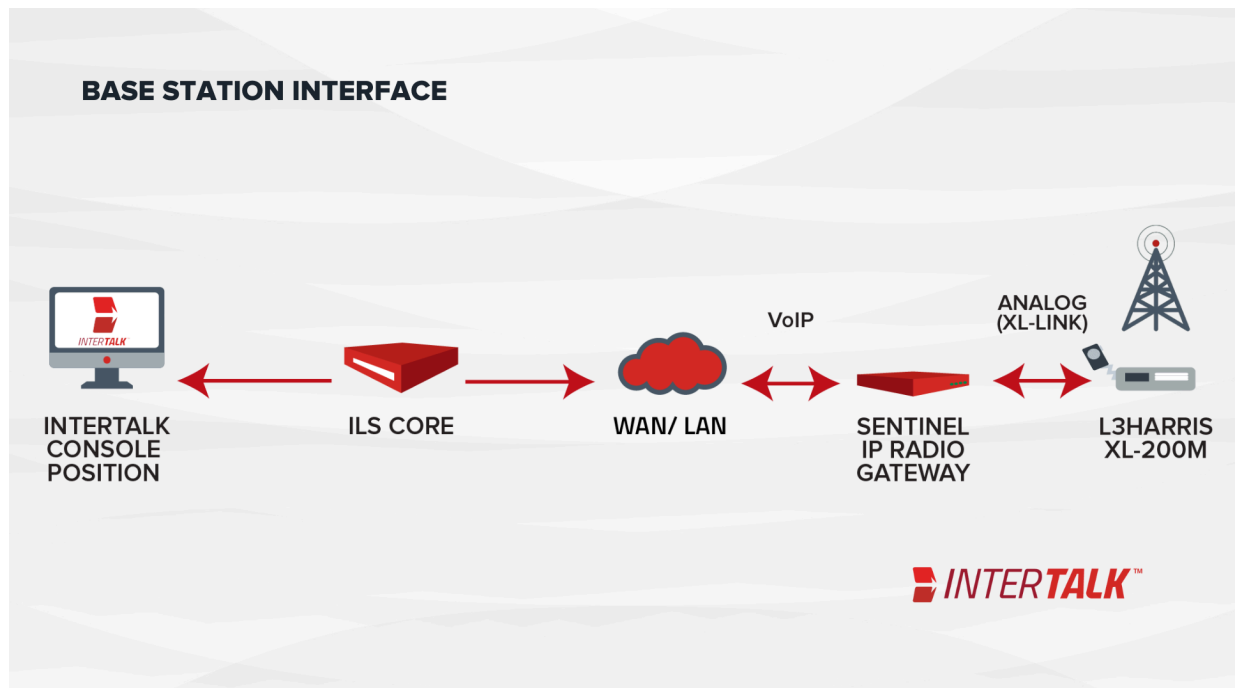
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| | | <p>activates the emergency state. Until the emergency state is cleared, no further emergency calls from that subscriber can generate an Emergency Call.</p> |
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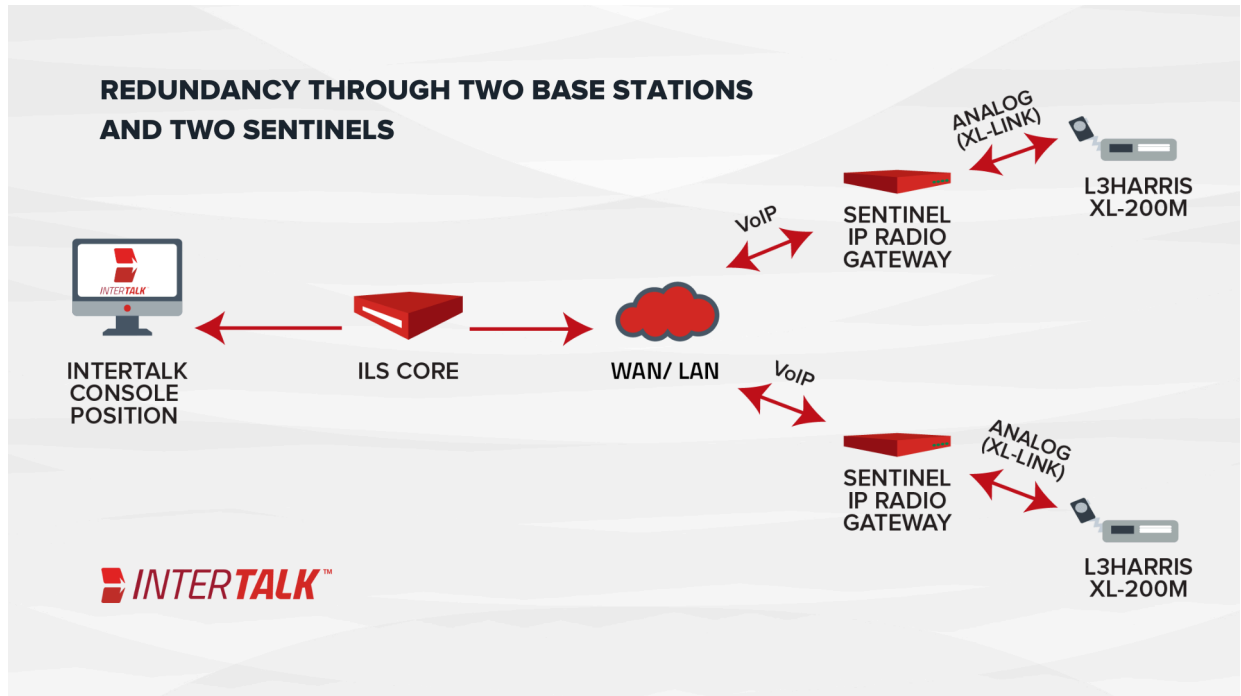
SCALABILITY

InterTalk dispatch console solutions using a Sentinel with an L3Harris XL-200M radio are scalable from 1 to unlimited console positions. Each IP Radio Gateway can have up to 1000 separate channels available to either DCS or Enlite.

CONNECTIONS

The L3Harris XL-200M radio is interfaced with a Sentinel IP Radio Gateway via RJ45/USB adaptor and 4-wire connection for remote base/control station fixed installations. InterTalk console solutions communicate with these radios in analog and P25 modes.





In both cases, InterTalk presents a single endpoint to the dispatcher. The ILS core manages the routing of commands and audio so that only one of the controllers is active at any one time. The second controller takes over only when contact with the primary controller is lost.



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