

XML Applications with Cisco IP Phones **7905G** and **7912G**

General Questions

Q. What is the Cisco® IP Phone 7905G and who are the target customers?

A. The Cisco IP Phone 7905G, a single-line IP phone with pixel-based display, four soft keys to access core business features, with hold and menu keys, addresses the communication needs of a cubicle worker who conducts low to medium telephone traffic.

Q. What is the Cisco® IP Phone 7912G and who are the target customers?

A. The Cisco IP Phone 7912G, a single-line IP phone with pixel-based display, four soft keys to access core business features, with hold and menu keys, not only addresses the communication needs of a cubicle worker who conducts low to medium telephone traffic but also who requires an Ethernet switch to conveniently co-locate a PC at their workstation.

Q. What is the size of the pixel-based display on the Cisco IP Phone 7905G and 7912G?

A. The Cisco IP Phone 7905G and 7912G support a small pixel-based display; the 3.5" diagonal monochrome screen can support approximately 5 lines in addition to the soft keys information and menu title. There is no grayscale support.

Q. Do the Cisco IP Phones 7905G and 7912G support XML services?

A. Yes! With their pixel-based display capabilities, both the Cisco IP Phone 7905G and 7912G can deliver impressive applications and network data to the desktop. This capability allows creation of sophisticated applications to be available at any desktop, counter or location where the Cisco IP Phones 7905G and 7912G may be deployed. The Cisco IP Phone 7905G and 7912G support identical XML interfaces.

Q. Where can I get information about developing XML applications for the Cisco IP Phones 7905G and 7912G?

A. There is a text book available from Cisco Press:

Developing Cisco IP Phone Services
Cisco Press, 2002
ISBN: 1587050609

Q. What if I have additional questions regarding developing XML applications?

A. There is an email group you can post questions to:
developer-support@cisco.com.

Or you can go to: <http://www.cisco.com/warp/public/570/> for additional information.

Q. What XML tags are supported on the Cisco IP Phones 7905G and 7912G?

A. The Cisco IP Phones 7905G and 7912G support all XML tags for text and audio listed in *Developing Cisco IP Phone Services*.



Q. What else is supported?

A. The Cisco IP Phones 7905G and 7912G support GET, POST plus the following HTTP headers:

INCOMING MSGs

Date

Expires

Refresh

Set-Cookie

Location

Content-Length

OUTGOING MSGs

Accept-Language

Connection

Cookie

Host

Transfer-Encoding

All other HTTP headers are ignored.

Q. What audio files and RTP streams are supported?

A. Playing .raw audio files and unicast RTP streams is supported.

Q. Is multicast RTP streams supported?

A. No, not at this time. We are still evaluating multicast RTP stream support for the Cisco IP Phones 7905G and 7912G.

Q. What about graphics?

A. XML tags for graphics are not supported on the Cisco IP Phones 7905G and 7912G. Given the smaller size of the display and no grey-scale support on these displays, graphics are not.

Q. What XML Schema Instance (XSI) URLs are supported?

A. The Cisco IP Phones 7905G and 7912G support the following XML Schema Instance (XSI) URLs only:

UserData:a:d

Dial:<number>

DialLine:<number>

RTPTx://<IP> (Unicast RTP)

RTPRx://<IP> (Unicast RTP)

RTPTx://Stop

RTPRx://Stop

Q. Where can I get more information about XSI?

A. For more information about XSI, see <http://www.w3.org/2001/XMLSchema-instance>

Q. Which version of Cisco CallManager will support XML applications on the Cisco IP Phones 7905G and 7912G?

A. Cisco CallManager 3.3(3), Service Pack issue to be determined.

Q. When will this be available?

A. Beta trials have already begun, and we expect First Customer Ship (FCS) Fall of 2003.



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