Technical Information

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Built with AT&T

Protocol	Connection	Characteristics and Specifications	Two-Way	Delivery Receipts	Message Length
Website FirstNet Messaging Service	Internet	• Login at https://messaging.firstnet.com • Hosted FirstNet Messaging Service • Build Group distribution lists & send notifications	Yes	Yes	1000 Characters
FirstNet Messaging APP Supports Android and iOS devices	WiFi or LTE	• Download the APP from Apple store or Google play store	Yes	Yes	1000 Characters
REST APIs	IP Based	• Online documentation available at: • https://messaging.firstnet.com/rest-api-documentation/	Yes	Yes	1000 Characters
WCTP* Wireless Communications Transfer Protocol	XML-based (Internet Protocol)	• Address http://wctp.firstnet.com/WCTP (port 80)* • SSL address https://wctp.firstnet.com/WCTP (port 443) • Protocol establishes direct internet connection between paging application and gateway • WCTP 1.3 SDK release at www.wctp.org • Code libraries: wctpXml, eXpat	Yes	Yes	1000 Characters
SNPP Simple Network Paging Protocol	TCP/IP Based (Internet Protocol)	• Address http://snpp.firstnet.com (port 444) • Protocol establishes direct internet connection between paging application and gateway • SDK for SNPP defined by RFC 1861 document • Code libraries: Abderaware,/n Software (BizTalk) • An Enterprise Admin needs to be setup. The Admin will create credentials to be used in the messaging flow by the IT team.	Yes	Yes	1000 Characters
SMTP Simple Mail Transfer Protocol	TCP Based (Internet Protocol)	• E-mail address mobilenumber@sms.firstnet.com • E-mail address mobilenumber@1waysms.firstnet.com • Usually for less sophisticated applications or uses • SDK for SMTP defined by RFC 821 & 1123 docs • Send from any e-mail application	Yes No	Yes Yes	1000 Characters
TAP Telocator Alphanumeric Protocol	Dial Up (Modem Protocol)	• Dial (888) 298-3562 (toll-free) • Dial (214) 452-0299 (alternate) • Slow protocol, with limited feature set • Best backup option available	No	No	160 Characters

*Some WCTP applications require PollerID and Security Code. Visit https://messaging.firstnet.com/#faq for more information. Nonsecure (SSL) WCTP connection will be disabled on 3/1/21.