Product change note

Topic	**New feature for CellLocate: Wi-Fi Location** UBX-23002223 C1-Public
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Date	21 February 2023

1 Affected products and services

Products	Type Number
Cellular	SARA-R510S-01B-01
Short range	NINA-W151-04B; NINA-W152-04B; NINA-W156-04B

Services	Remarks
CellLocate	New feature available: Wi-Fi Location - the ability to use location data from u-blox Wi-Fi modules

2 Description

CellLocate is a robust network-based location service that delivers location data, even where GNSS signals are poor or absent, by using network attributes from the surrounding available mobile networks. This end-to-end solution is proven, scalable, and ready to virtually eliminate any "no position" scenario.

New feature available: Wi-Fi Location

With **Wi-Fi Location**, CellLocate adds the capability to significantly increase the location accuracy compared to pure cellular location by leveraging the abundant availability of Wi-Fi access points deployed everywhere.

Wi-Fi Location enables you to:

- get a position whenever GNSS cannot converge to a fix
- get an initial location faster than GNSS can get a first fix, especially in challenging environments
- improve your solution by implementing indoor location and presence detection, enabling use cases such as recovery of lost or stolen assets
- seamlessly locate your asset indoors and outdoors, using an integrated solution, all with u-blox hardware

CellLocate is ready to use since it is embedded in u-blox cellular and now also in short-range Wi-Fi modules, as listed in section 1. The sample code available in GitHub allows rapid testing and prototyping and a fast go-to-market.

3 Schedule

Date	Action
21 Feb 2023	No action required by the customer.

4   Customer impact and recommended action

- The availability of the new feature does not have any impact on current CellLocate users
- To use the new feature, you should upgrade the Cellular and Wi-Fi modules to the latest firmware, as indicated in the Wi-Fi Location section of the CellLocate getting started guide.
- Should you have a different u-blox hardware product and are interested in the new feature, please contact us at support@thingstream.io for further evaluation.

5   Contact

u-blox appreciates and values your continued business relationship and looks forward to your future interest in our outstanding product portfolio. Please contact your nearest u-blox sales team for any questions you may have. For any additional, request you can refer to your local FAE or send an e-mail to support@thingstream.io

6   Related documentation

[1]   CellLocate getting started guide
[2]   GitHub location examples