

Difference Document

Product: XP3300 Z1

SW Version 500030SW03A00_Ex-Handy_07_2 (SV01)

MS Types: P24C005AJ/P25C005AJ

HW Version: A

Verses

Product: XP3340 Sentinel Z1

SW Version 500030SW04A00_Ex-Handy_07_3 (SV03)

MS Types: P24C005AJ/P25C005AJ

HW Version: A

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Revision History

Version	Name	Date	Remarks
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0.1	Vrijlal	08Jun2011	Initial release
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1 About the document

This document lists the SW/HW differences between Sonim XP3300 Z1 and Sonim XP3340 Sentinel Z1. XP3340 Sentinel Z1 comes out in two models Sonim XP3340 E-X1 and Sonim XP3340-A-X1.

Implementation 1 (XP3300 Z1)			
Model Name	Type Number(s)	SW Version (SW1)	HW Version (HW1)
Sonim XP3300-E-X1	P24C005AJ	500030SW03A00_Ex-Handy_07_2 (SV01)	A
Sonim XP3300-A-X1	P25C005AJ	500030SW03A00_Ex-Handy_07_2 (SV01)	A

and

Implementation 2 (XP3340 Sentinel Z1)			
Model Name	Type Number(s)	SW Version (SW2)	HW Version (HW2)
Sonim XP3340-E-X1	P24C005AJ	500030SW04A00_Ex-Handy_07_3 (SV03)	A
Sonim XP3340-A-X1	P25C005AJ	500030SW04A00_Ex-Handy_07_3 (SV03)	A

Based on these differences, and if needed, a retesting scope for Implementation 2 is suggested.

2 Detailed Descriptions of the SW Changes

SW2 is a direct line derivate from the previously type approved SW1.

The executable software build of SW2 is the same as the one of SW1, except for the differences listed below.

Please note that each section of software change is concluded with a statement that either 1) contains Sonim's suggestion of the impacted by the change area for retest, or 2) declares that the change does not result in any retesting.

1.	Sentinel requirements	
	Description	Details
	Lone Worker Monitoring Solution.	<p>Sonim XP3340-E/A-X1 will have Lone Worker solution enabled on Sonim XP3300-E/A-X1 Generic.</p> <p>The Loneworker solution contains built-in software for Lone Worker protection and a Man-Down motion sensor that detects impact, tilt, free fall and no-movement. Key safety functions are the dedicated red emergency button that can send a GPS location and call the Emergency Response Center even when the phone is locked, an amber button to request monitoring and tracking as well as a green button to track the start and the end of a shift.</p>

		<p>More details:</p> <ol style="list-style-type: none"> 1. 4 highly configurable states <ol style="list-style-type: none"> a. Simple: sends configurable heartbeat messages and waits for manual alarm via long press of red side key b. Tracking: sends GPS position on configurable intervals. Under 40 sec TTFF in good GPS conditions c. Man down: monitors accelerometer for man down events, sends alerts to server d. Alarm: sends current position to monitoring centre, calls Emergency Response Centre (ERC) 2. Meets the lone worker device requirements of BS8484 (UK) and DIN 0825-11 (Germany) 3. Configuration over the air, via Java application or via Bluetooth from a PC 4. Secure communications with server using encrypted EDGE/GPRS/XML or SMS 5. Lone worker alarms take priority over incoming GSM calls that are not from an ERC number 6. Ability to auto-answer ERC calls to the speaker phone 7. High priority alarms override other ringing tones
Sonim Assessment		
No impact to the NW/Regulatory performance due to this change – no retesting needed		

3 Detailed Descriptions of the HW Changes

The hardware design of HW2 is similar to the hardware design of HW1 in all details, except for the differences summarized below:

1.	Sentinel requirements	
	Description	Details
	Loneworker specific changes	<p>XP3340 Sentinel will have customized colors for few of the keys.</p> <ol style="list-style-type: none"> 1. Easy call/Emergency button is red color. 2. Key 2 is amber color which is dedicated to launch J2ME application for customized Lone Worker Monitoring. 3. Key 3 is green color which is dedicated to launch J2ME application for customized Lone Worker Monitoring.
	Sonim Assessment	
No impact to the NW/Regulatory performance due to this change – no retesting needed		