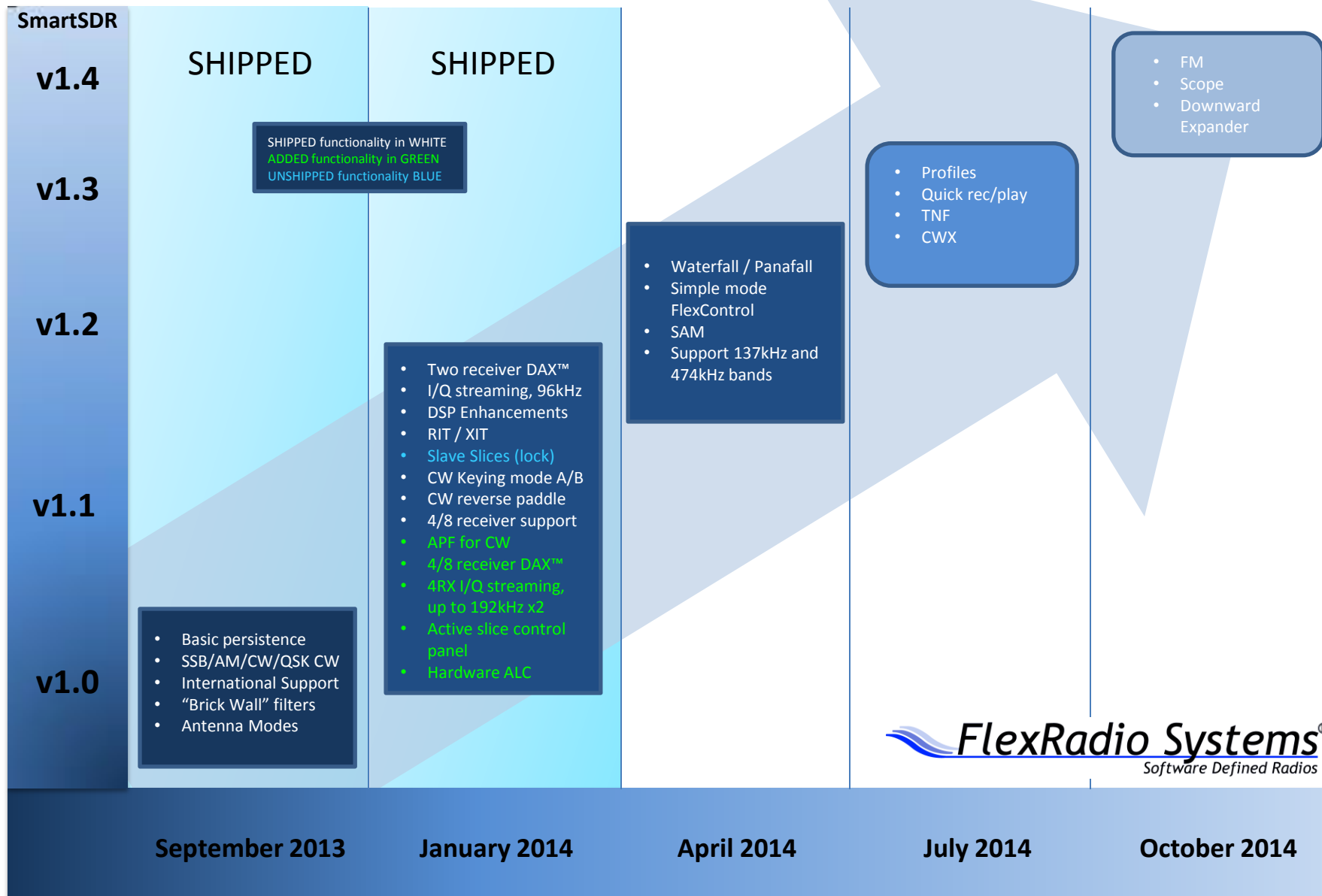


SmartSDR™ Technology Roadmap



FlexRadio Systems®
 Software Defined Radios

SmartSDR Roadmap Feature Descriptions

Feature	Brief Description
Basic persistence	Remembering common settings across power sequences
SSB/AM/CW/QSK CW	Support for these modes
International Support	Ability to alter the radio transmit regions to match many international amateur allocations and MARS
“Brick Wall” filters	Increase filter skirt steepness by 4x over preview version
Antenna Modes	Support for a wide array of antenna modes in both receive and transmit
Two receiver DAX™	Ability to stream 24ksps audio data through a digital audio channel on Windows and present as a sound card on the Windows PC for both transmit and receive
I/Q streaming, 96kHz	Stream 96kHz bandwidth I/Q data to remote clients as either UDP or DAX streams
DSP Enhancements	NB/NR/ANF/AGC enhancements
RIT / XIT	Receive and Transmit incremental tuning with usable control
Slave Slices (lock)	Ability to lock two slices together so they track frequency
CW Keying mode A/B	Support for both A and B CW iambic modes
CW reverse paddle	Ability to select reverse paddle (swap dot/dash)
4/8 receiver support	Support for 8RX in FLEX-6700 and 4RX in FLEX-6500
Waterfall	Waterfall in SmartSDR-Windows client
Simple mode Flex Control	Support for the FlexControl programming in “simple mode” (select from predefined set of functions)
Profiles	Receive and transmit profiles to store settings
Panafall	Simultaneous Pandapter and Waterfall
Quick rec/play	Record and Playback post-processed audio (after filters, AGC, etc)
TNF	Tracking Notch Filter™
CW Keyboard	Keyboard generated CW
SAM	Synchronous Amplitude Modulation receiver
FM	Frequency Modulation
Scope	Oscilloscope function in SmartSDR-Windows
Downward Expander	Enhanced audio noise gate for transmit