

# OPEN1X PROJECT ROADMAP

January 2008

NOTE: This represents current planning based on expected contributions to the project. As the community grows and the OpenSEA Alliance recruits new members, features may be finished earlier than expected, and additional features may be developed and integrated. Market developments may also change plans for releases after the current active development release. Please send comments to [roadmapcomments@open1x.org](mailto:roadmapcomments@open1x.org).

Release	2.0	SeaAnt	SeaBadger	SeaCow
Target date	December 2007	First half 2008	Second half 2008	2009
Operating System and Platform Support	Windows XP SP2	<p>Improved platform support – all OS platforms should support common feature set from 2.0.0</p> <p>Begin work on embedded platforms</p> <p>Linux</p> <ul style="list-style-type: none"> <li>• Certificate support</li> <li>• Frame handler</li> <li>• Wireless kernel integration</li> <li>• IPC cleanup</li> <li>• Static binary support</li> </ul> <p>MacOS X</p> <ul style="list-style-type: none"> <li>• <b>Note: need AirPort API license</b></li> <li>• Store certificates in KeyChain</li> <li>• Frame handler fixes</li> <li>• Interface naming</li> <li>• Universal binaries for 10.4+</li> <li>• UI-engine event channel</li> <li>• UI rework (fonts, etc)</li> </ul> <p>Windows XP</p> <ul style="list-style-type: none"> <li>• Remove WMI dependence</li> </ul> <p>Windows Vista</p> <ul style="list-style-type: none"> <li>• Vista wireless API</li> <li>• UAC fixes for installer</li> <li>• protocol driver</li> </ul> <p>Windows 2003</p> <p>General</p> <ul style="list-style-type: none"> <li>• Fix compiler warnings</li> <li>• Configuration cleanup (e.g. remove MAC address)</li> </ul>	<p>Mobile devices</p> <ul style="list-style-type: none"> <li>• Moko (engine)</li> <li>• Moko (GUI)?</li> <li>• WinCE</li> </ul>	<p>Google Android platform</p> <p>Solaris</p> <p>BSD</p> <p>Gaming devices?</p> <p>PDAs?</p>

Wireless Standards Support (IEEE/IETF/Other)			Opportunistic PMK caching (802.11i) 802.11r 802.11w	802.11u – GAS support 802.11s
	PEAP/MSCHAP-v2 TTLS/all inner methods MD5 TLS (engine)	PEAP/GTC	SIM AKA TLS (GUI support) EAP-FAST PEAP crypto binding	
	libtnc support			Cisco NAC
Application Integration & Plugins	Logging plug-in Trouble ticket generation		Automated on-line bug reporting/ticketing Wireshark frame dump Modular EAP	
Usability	GUI Certificate storage Release packaging	Multiple user config UI form cleanup Linux installer UI font fixups	Sign-on integration (Windows GINA, Vista Credential Providers) Scanning control	
Core code features		Library upgrades (OpenSSL, libtnc, iconv, libxml, zlib) Improved library versioning support Libdump for crash reporting		Memory management fencepost code
Project Maintenance	Voice conferencing system Form QA subcommittee under PMC	Developer documentation <ul style="list-style-type: none"> <li>• Configuration</li> <li>• Config parser</li> <li>• IPC (UI component)</li> <li>• IPC (engine)</li> <li>• Certificate interface</li> <li>• Frame handler</li> </ul> Build environment Automated testing (e.g. valgrind/Electric Fence) Join Google Summer of Code (note: '07 apps began in March) TNC plugfests? Move code repository to Subversion instead of CVS	Developer documentation <ul style="list-style-type: none"> <li>• UI skinning</li> <li>• UI plugins</li> <li>• Engine – event core</li> <li>• Engine – state machines</li> <li>• Engine – plugins</li> <li>• EAP plugins</li> <li>• EAP types</li> </ul> Wi-Fi Alliance testbed	