

**Long Term Cybersecurity research
Summaries of joint US-NL projects granted under the
DHS-NWO/V&J research cooperation initiative (2013-2014)**

Project number	628.001.021
Principal Investigators	<i>Herbert Bos (VU University Amsterdam, NL) Christopher Kruegel (University of California Santa Barbara, US)</i>
Project title	Malware on smartphones: collection, analysis, and defensive measures
Scientific summary	
<p>Is the amount of malicious software on smartphones ("Android is the new Windows XP") growing? Sadly, we lack the tools to analyze smartphone applications in sufficient detail to decide whether or not software is malicious or not, and if so, what it does exactly. In this project an environment will be developed to gather and analyze malware on smartphones and new techniques to analyze the software in detail, using both static and dynamic analysis. Building on previous work of our groups (like TraceDroid and Andrubis), we plan to make our research efforts available to external parties so that they can submit samples for analysis also.</p>	