

Now Available!
iMAS – iOS Mobile Application Security
January 2013

iMAS is a secure iOS application framework research project focused on reducing iOS application vulnerabilities and information loss.

Now Available - iMAS and its first open source static security controls for download and use in iOS applications. Visit and browse our project to find out more; download and give it a try. Once you do, tell us what you think or better yet, get involved and participate!

<https://github.com/project-imas/about>

Details:

iMAS is a collaborative research project from the MITRE Corporation focused on open source iOS security controls. Today, iOS meets the enterprise security needs of customers, however many security experts cite critical vulnerabilities and have demonstrated exploits, which pushes enterprises to augment iOS deployments with commercial solutions. The iMAS intent is to protect iOS applications and data beyond the Apple provided security model and reduce the adversary's ability and efficiency to perform recon, exploitation, control and execution on iOS mobile applications. iMAS will transform the effectiveness of the existing iOS security model across major vulnerability areas including the System Passcode, jailbreak, debugger / run-time, flash storage, and the system keychain. Research outcomes include an open source secure application framework, including an application container, developer and validation tools/techniques. With iMAS, a developer can leverage our research to considerably raise their iOS applications security level in a measured way.