**NASA ISS FIT - Security Review**

# Checkmarx Source Report:

https://drive.google.com/file/d/0B3nmbMgH4\_oxWkkwN2llUkNGT0E/view?usp=sharing

# Severity High, Path 132

Change UITextField name (remove password).

# Path Manipulation\Path 67

# Won't fix. iOS does not allow tampering with configuration files and requires the use of a sandbox to restrict an application from tampering with other applications.

# Path Manipulation\Path 68

Won't fix. iOS does not allow tampering with configuration files and requires the use of a sandbox to restrict an application from tampering with other applications.

# Path Manipulation\Path 69

Won't fix. iOS does not allow tampering with configuration files and requires the use of a sandbox to restrict an application from tampering with other applications.

# Path Manipulation\Path 70

Won't fix. iOS does not allow tampering with configuration files and requires the use of a sandbox to restrict an application from tampering with other applications.

# Path Manipulation\Path 71

Won't fix. iOS does not allow tampering with configuration files and requires the use of a sandbox to restrict an application from tampering with other applications.

# Side Channel Data Leakage\Path 6

Fixed

# Side Channel Data Leakage\Path 7

Fixed

# Format String Attack\Path 18

Won't fix. Logging is not required for this application (disabled by default). We only use it for debugging purposes.

# Format String Attack\Path 19

Won't fix. Logging is not required for this application (disabled by default). We only use it for debugging purposes.

# Cut And Paste Leakage\Path 3

Fixed

# Insecure Data Storage\Path 4

Fixed

# Screen Caching\Path 22

Fixed

# Autocorrection Keystroke Logging\Path 131

Fixed

# Unscrubbed Secret\Path 72

Fixed

# Unscrubbed Secret\Path 73-101

Fix not required, this is a third party library.

# Unscrubbed Secret\Path 109&110

Fixed

# Unscrubbed Secret\Path 111&112

Fixed

# Unscrubbed Secret\Path 114-119

Fix not required, this is a third party library.

# Jailbreak File Referenced By Name

Won't fix. iOS does not allow tampering with configuration files and requires the use of a sandbox to restrict an application from tampering with other applications.

# Use of Hardcoded Password

Fixed

# Jailbreak Unchecked File Operation Result Code

Fixed

# Unchecked Return Value\Path 23

Fix not required, this is a third party library.

# Unchecked Return Value\Path 24

Fixed

# Unchecked Return Value\Path 25

Fix not required, this is a third party library.

# Buffer Size Literal Condition\Path 127-129

Fix not required, this is a third party library.

# Log Forging:

Won't fix. Logging is not done (disabled by default) in application. Use only for debugging purposes.

# Incorrect Initialization:

Fix not required, this is a third party library.

# Functions Apple Recommends To Avoid:

Fixed

# Use of Insufficiently Random Values:

Fix not required, this is a third party library.

# Unchecked CString Conversion:

Fix not required, this is a third party library.