



Brew MP Tools Certification Report

LG VN170 : VN1700R3

Date: March 27, 2014



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Section 1 Summary

The Brew MP Tools Certification report is made up of two major areas of concern, OEM Mode and Developer Mode. This report will be broken up into sections representing the various examined aspects of OEM Mode and Developer Mode.

The data contained herein is not intended to demonstrate any capability of the hardware itself.

Throughout the document there are many abbreviated and technical terms. If any of these terms are unfamiliar, please refer to the Brew MP Glossary on the [Brew MP website](#).

OEM Mode Certification Summary

The following report is intended to communicate the certification results for the following Brew MP tools and technologies on the LG VN170().

- SDK & Tools
- OEM USB Driver
- Flash tools
- Brew Loader and Logger
- Test Signatures
- Connection protocols COM/DIAG and COM/BTIL

Developer Mode Certification Summary

The following report is intended to communicate the certification results for the following Brew MP tools and technologies on the LG VN170().

- SDK & Tools
- Connect over Brew MP Gateway APIs
- On-Device debugging
- Device Interrogation
- Device Monitoring
- DES (Developer Enablement Services) test signing

Section 2 OEM Mode Certification Results

2.1 Brew MP Tools Support Results - COM/DIAG

Tool	Test Name	Result	Issues	Impact
Loader	Load module using local module signature	PASS		
Logger	Logger unlocked with signature enable	PASS		

2.2 Brew MP Tools Support Results - COM/BTIL

Tool	Test Name	Result	Issues	Impact
Loader	Load module using local module signature	PASS		
Logger	Logger unlocked with signature enable	PASS		
BTIL API Tests	Connect BTIL API's (AbbeyRoad)	PASS		

2.3 Test Signature Signing Results - COM/DIAG

Tool	Test Name	Result	Issues	Impact
Signature Enablement	Enable using Test/CSK root	PASS		

2.4 Test Signature Signing Results - COM/BTIL

Tool	Test Name	Result	Issues	Impact
Signature Enablement	Enable using BDS root	PASS		

Section 3 Developer Mode Certification Results

3.1 Brew MP Tools Support Results - Gateway Mode

Tool	Test Name	Result	Issues	Impact
Loader	Load module with global test enable signature	PASS		
Loader	Load module unlocked with username/password	PASS		
Connect API tests	Connect Gateway API's (Autobahn)	PASS		
Logger	Logger unlocked with username/password	PASS		
Click2Run	Microsoft Visual Studio	PASS		
Click2Run	Eclipse	PASS		
Click2Debug	Microsoft Visual Studio	FAIL	Device loses connection during Click2Debug.	Developer will not be able to use Click2Debug feature to debug apps.
Click2Debug	Eclipse	FAIL	Device times out during Click2Debug.	Developer will not be able to use Click2Debug feature to debug apps.

3.2 DES Signing Results

Tool	Test Name	Result	Issues	Impact
Signature Enablement	Enable using DES	PASS		

3.3 Developer Mode Settings Screen

Tool	Test Name	Result	Issues	Impact
Developer Mode Enablement	Device supports *#DEVMODE# to enable Developer Mode	PASS		
Developer Mode Enablement	Device has a Developer Mode settings screen	PASS		
Developer Mode Enablement	Settings screen can be used to select USB Gateway only mode	PASS		
Developer Mode Enablement	Settings screen can be used to select USB Gateway + COM ports	PASS		
Developer Mode Enablement	Settings screen can be used to turn off the USB Gateway	PASS		