



Verix eVo for ARM-11
Version DRAGON.3
Release Notes Document
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1. Introduction

The Verix eVo packages, also known as Extended Operating System (EOS) packages, extend your operating system functionality providing features like networking and contactless EMV. Verix eVo may be separately downloaded from the core operating system.

This is the installation package for Verix eVo which includes the Vx ARM-11 download files.

2. Minimum Requirements

Hardware Requirements:

C520	Terminal	QT0002AT
C680	Terminal	QT0002AU

Software Requirements:

- Verix eVo (EOS11) SDK DRAGON

3. Installation

Verix eVo Package Items:

- Vx011-EOS.zip, zip contains the files for ARM-11 terminal download.
- d11-EOS.bat, batch file to download the zip file to an ARM-11 terminal.

Terminal Configuration – General

- Install package using download instructions below.
- Install user application.
- Set *Go to user application.
- Restart terminal.

Download and Running the Package

- Extract the latest Vx011-EOS.zip download file from the release package.
- Download Vx011-EOS.zip using d11-EOS.bat.
- Restart terminal

4. Component Versions

Component	Version
Verix eVo NCP	2.2.0.5
Verix eVo TCPIP	1.2.1.2
Verix eVo SSL	2.0.1.1/1.2.8.1
Verix eVo CE	DRAGON.2
Verix eVo CEIF	2.2.0.2
Verix eVo ELOG	1.2.0.1
Verix eVo EOS	2.2.0.1
Verix eVo Dial Conexant	1.16.1.1
Verix eVo Dial Silabs	1.13.1.1
Verix eVo Ethernet	1.12.0.1
Verix eVo CDMA Huawei	1.13.0.1
Verix eVo GPRS BGS2	DRAGON.3
Verix eVo GSM BGS2	DRAGON.2
Verix eVo GPRS MC5X	DRAGON.2
Verix eVo GSM MC5X	DRAGON.2
Verix eVo GPRS PHS8	DRAGON.2
Verix eVo GSM PHS8	DRAGON.2
Verix eVo BT Engine	2.2.0.10
Verix eVo Bluetooth	2.2.0.10
Verix eVo BT Ethernet	2.2.0.9
Verix eVo BT Conexant	2.2.0.9
Verix eVo BT Silabs	2.2.0.9
Verix eVo BT Mobile	2.2.0.9
Verix eVo BT Serial	2.2.0.9
Verix eVo BCP	2.2.0.8
Verix eVo WiFi	2.2.0.5
Verix eVo WPA Supplicant	2.2.0.2
Verix eVo WCP	2.2.0.4
Verix eVo GPSD	2.2.0.1
Verix eVo ISDN Stollmann	1.0.0.4
Verix eVo CDMA Telit	DRAGON.1

5. Limitation

- In Wi-Fi Control Panel, SSIDs of scanned access points in UTF-8 format are not properly displayed on the terminal screen. There will be extra characters which are not part of the actual SSID. In spite of this issue, terminal is still capable of connecting to the access point leaving the SSID as it is (with the extra characters) when it was scanned.
- If radio firmware update has been interrupted, you cannot start GPRS/GSM network interface up because the radio can no longer respond to AT

commands (except AT^SFDL). In order to recover, you must repeat the firmware update and complete it successfully.

- To successfully pair an iOS device (as initiator) to a terminal, the SPP port should be configured and started as a server.

6. Change History

Significant Changes from Version 2.1.1.4 to DRAGON.3:

- Added support for C520 and C680 terminals.
 - For GPRS-BGS, updated call of AT+CGDCONT so that IP address is inside double quote.
 - Temporary updates for hardware bring-up:
 - Users can set *EOSCIBID = C520 or *EOSCIBID = C680 and *EOSNEWCIB = 1 to force a C520 or C680 setup.
 - Added GPRS/GSM DDI parameter GP/GS_POST_OPEN_DELAY. Parameter dictates the delay, in seconds, before SIM is checked after port is opened.
 - Changed default value of GPRS cyclic power mode (AT+CFUN) from 9 (cyclic sleep) to 1 (no power save).
 - During PPP up, added setting of ACCM to 0 and MRU to 1500
 - Added CDMA Telit CE910-SC DDI Driver.

Note:

Please see the complete list and details of change history at **Verix_eVo_ChangeHistory.pdf**.