Release Title:	RTS Software Suite v2019.06
Release Date:	27-June-2019

This is the readme for the RTS Software Suite v2019.06. This contains information on the Firmware and Packages included in this suite to support the release of new products RVON+ and PAP-5032, RVON support in the existing ODIN product. The new and updated components are highlighted in blue text.

1. New Products

The following new products firmware have been included in this suite
   a. RVON+ v1.0.0
   b. PAP-5032 (OMNEO/RVON) v1.0.3

2. Current Products

The firmware for the following products is updated and included in this suite:
ODIN v1.1.0 – This version supports RVON
MCII-e v3.5.0
KP-Series v2.3.0 (OCA) w/Bootloader v1.4.2 and FPGA v6.5.5
KP-Series RVON v1.5.0R w/Bootloader v1.4.2 and FPGA v6.5.5
KP 12 CLD v1.4.8
KP 32 CLD v1.7.9
KP32 Classic v2.5.2 w/Bootloader v0.1.1
   - Bootloader must be upgraded to v0.1.0 or higher prior to downloading v2.4.1 or higher
RP-1000 v2.1.3

2.1 OMNEO

This suite contains firmware for the following OMNEO devices:
OMI v6.4.0 (OCA)
OKI v6.4.0 (OCA)
OEI v2.4.0 (OCA)
OKP v2.3.0 (OCA)
OAP (ROAMEO) (OCA) v8.3.1
ODIN V1.1.0
Please refer to the technical manual for each product for information on how to update the firmware.

2.2 RVON

This suite contains firmware for the following RVON devices:
RVON8 v2.7.0
RVON16 v2.7.0
RVONKP v2.7.0
RVONC v2.7.0
RVONIO v2.7.0

2.3 AIO16 and AIO-16A

The suite contains firmware for AIO16 and AIO16A IO cards.
AIO16 v1.7.0
AIO16A v1.2.0

2.4 Tools

Following version of the tools are included in this suite
   a. AZedit v5.4.0
   b. IPedit v3.6.0
   c. FWUTv5.40

The FWUT version is unchanged from the previous release.

3. Fixes and Improvements (overview)

     a. ODIN firmware now provides 16 channels of RVON ,with support for G.711,G.729AB and G.722 codecs

     b. All products which support OMNEO are now DDM (Dante Domain Manager) compatible

     c. AZedit and IPedit updated to support new products and features
         i. RVON+
         ii. PAP-5032
         iii. ODIN-RVON

     d. MCIIe now supports RVON+ and PAP-5032

For other improvements and fixes refer to individual products release /readme notes.

4. Software Compatibility Matrix

		OMI Version			
		6.1.13	**6.2.26**	**6.2.28**	**6.4.0**
ODIN	1.0.4	✗	✓	✓	✓
	1.1.0	✗	✓	✓	✓
OKI	6.1.13	✓	✓	✓	✓
	6.2.26	✓	✓	✓	✓
	6.4.0	✓	✓	✓	✓
OEI2	2.1.13	✓	✓	✓	✓
	2.2.26	✓	✓	✓	✓
	2.4.0	✓	✓	✓	✓
KP-Series (OMNEO)	2.1.4	✓	✓	✓	✓
	2.2.0	✓	✓	✓	✓
	2.3.0	✓	✓	✓	✓
PAP-5032	1.0.3	✗	✗	✗	✓

		ODIN Version	
		1.0.4	**1.1.0**
KP-Series (RVON)	1.3.2	✗	✓
	1.4.2	✗	✓
	1.5.0	✗	✓
RVON's	2.6.0	✗	✓
	2.7.0	✗	✓
RVON+	1.0.0	✗	✓
PAP-5032 (RVON)	1.0.3	✗	✓

		ODIN Version	
		1.0.4	**1.1.0**
OMI	6.1.13	✗	✗
	6.2.26	✓	✓
	6.2.28	✓	✓
	6.4.0	✓	✓
OKI	6.1.13	✗	✗
	6.2.26	✓	✓
	6.4.0	✓	✓
OEI2	2.1.13	✗	✗
	2.2.26	✓	✓
	2.4.0	✓	✓
KP-Series (OMNEO)	2.1.4	✗	✗
	2.2.0	✓	✓
	2.3.0	✓	✓
PAP-5032	1.0.3	✗	✓

- AZedit and IPedit must be upgraded , as support for ODIN-RVON, RVON+ and PAP-5032 has been added in the version released in this suite
- All OMNEO devices must be upgraded for
  - DDM compatibility
  - OMI and ODIN for connection to PAP-5032
- MCIIe Firmware (RVON+, PAP-5032)
- KP-series Firmware for fixes and new improved features
- RVON firmware to be compatible to RVON+ card, as the new RVON+ card support additional 16 channels (17-32). The RVON firmware need not be updated if only first 16 channels of RVON+ are used

5. Tools and Packages

This suite contains a setup program to help install the following packages. ***Please run setup.exe and select the packages you want to install.*** The appropriate 32-bit or 64-bit versions will be installed automatically.

AZedit V5.4.0
IPedit V3.6.0
USB Driver for AZedit V1.0.0   (32-bit and 64-bit versions included)
Bosch DNS-SD Service V5.40   (32-bit and 64-bit versions included)
OMNEO Firmware Upload Tool V5.40 (32-bit and 64-bit versions included)
OMNEO FWUT NIOS plug-in V5.40   (32-bit and 64-bit versions included)
OMNEO FWUT OEI2 plug-in V5.40   (32-bit and 64-bit versions included)
OMNEO FWUT OKP plug-in V5.40   (32-bit and 64-bit versions included)
OMNEO FWUT OAP plug-in V5.40   (32-bit and 64-bit versions included)
OMNEO FWUT ODIN plug-in V5.40   (32-bit and 64-bit versions included)
OMNEO FWUT ARNI plug-in V5.30   (32-bit and 64-bit versions included)
ARNI Configuration Tool V5.30   (32-bit and 64-bit versions included)

Components required for AZedit:
- AZedit (main application)
- USB Driver (required for Zeus-III or Cronus USB connections)
- Bosch DNS-SD service (required for OMNEO Device Discovery)

Components required for IPedit:
- IPedit (main application)
- Bosch DNS-SD service (required for OMNEO Device Discovery)

Components required for OMNEO Firmware Upload Tool:
- OMNEO Firmware Upload Tool (main application, plus plug-ins installed
                              Automatically)
- Bosch DNS-SD service (required for OMNEO Device Discovery)

Components required for ARNI Configuration Tool:
- ARNI Configuration Tool (main application)
- Bosch DNS-SD service (required for OMNEO Device Discovery)

6. Pre-Requisite

The minimum versions of the following are required to support OMNEO devices:

MCII-e V2.9.2
KP 12 CLD V1.3.1
KP 32 CLD V1.6.2
KP32 Classic V2.4.1 w/Bootloader V0.1.0 (Bootloader must be upgraded prior to
                              downloading V2.4.1 or higher)