

## Revision History

### Revision control:

Version number are noted in *<major>.<minor>.<release>* format.

Odd *<minor>* numbers are for test purpose only. Release versions have even *<minor>* numbers.

### Overview

Revision	Release version and date	PT NODE HW Rev.	Additional info	
			Firmware	Hardware
1	V 1.4.2 - 17 Jul 2024	Olimex ESP32-EVB-IND Rev. K	Release	COM-ID: 240-0100
1	V 1.4.1 - 16 Jun 2024	Olimex ESP32-EVB-IND Rev. K	Test Filename from Batch	COM-ID: 240-0100
1	V 1.4.0 - 20 Feb 2024	Olimex ESP32-EVB-IND Rev. K	Release	COM-ID: 240-0100
1	V 1.3.x - Oct23-Feb24	Olimex ESP32-EVB-IND Rev. K	Development Internal only	COM-ID: 240-0100
1	V 1.2.1 - 19 Jul 2023	Olimex ESP32-EVB-IND Rev. K	Release	COM-ID: 240-0100
1	V 1.2.0 - 14 Mar 2023	Olimex ESP32-EVB-IND Rev. K	Release	COM-ID: 240-0100
1	V 1.1.9 - 14 Mar 2023	Prototype	Release candidate	Prototpye PTA
1	V 1.1.8 - 28 Feb 2023	Prototype	Release candidate	Prototpye PTA
1	V 1.1.7 - 15 Feb 2023	Prototype	Release candidate	Prototpye PTA
A	V 1.0.0 - 2022	Functional sample	Developement versions	Functional sample

### Change Log

Version	Changes	Comment
V 1.4.2	Release version	<b>DEBUG_DISABLED</b> RepCfg 1.03 PSC - Batch - Folder

	<p>Known issues:</p> <ul style="list-style-type: none"> <li>Listing the files in a folder becomes slower the more files are stored in a folder. From 100 files per folder, this effect becomes annoying in operation. It is recommended to keep the number of files as small as possible by deleting unnecessary files after printing/downloading or creating a new folder.</li> </ul>	
V 1.4.1	Improvements, Debug versions	<b>DEBUG</b> RepCfg 1.0.2 - PT-PSC support
	<p>Improvements:</p> <ul style="list-style-type: none"> <li>Create filename from batch (or text found in input stream) New tag in repcfg.json added to support text search in input stream. If tag is found in input stream filename will be renamed with defined length of characters after tag. E.g. tag "Batch" defined and input stream has Batch: ABCD1234 ABCD1234 is prefixed to the file name. Invalid charaters like *?/ will be replaced by "_" character.</li> <li>Improvement on file storage If a folder contains a lot of files, writing to SD card slows down and characters may be lost. Now SD writer runs in separate task with queuing of received data. No characters lost, even with 500 files in folder Nevertheless it is not recommended to store lot of files in single folder See known issue</li> <li>Change default folder name Folder names like COM1, COM2 ..., LPT1, LPT2..., PRN and so on are not allowed names in Windows. Using this names, Windows may have problems unzipping those folder names. Default name changed to CH1, CH2 User cannot enter invalid characters or folder names for devices now.</li> </ul>	
V 1.4.0	Release version	<b>DEBUG_DISABLED</b> RepCfg 1.0.2
	Known issues:	

	<ul style="list-style-type: none"> <li>Listing the files in a folder becomes slower the more files are stored in a folder. From 100 files per folder, this effect becomes annoying in operation. It is recommended to keep the number of files as small as possible by deleting unnecessary files after printing/downloading or creating a new folder.</li> </ul>	
V 1.3.x	Improvements, Debug versions	<b>DEBUG</b> RepCfg 1.x - PT-PSC support
	Improvements: <ul style="list-style-type: none"> <li>Remove of captive portal If connection could not be established, PTNODE starts in AP mode with router IP 192.168.4.1 - User can login and change settings.</li> <li>Improvement of Wifi connection User can connect via Wifi or LAN now Caution: Limited Wifi range with internal antenna.</li> <li>Ceation of PDF documents added Reports can now be saved as PDF. Header and Footer lines added in PTNODE settings to allow additional comments on PDF.</li> <li>Factory settings improved Internal hardware test routines added</li> <li>Menu reworked Menu entries now always at the same place</li> <li>Minor improvements / bug fixes Bugfix: ° character displayed incorretly on some devices Serial number remains on Factory reset Bug fix RTC on DST change corrected when not connected to NTP time server Internal data structure and data handling reworked (storage optimization)</li> </ul>	
V 1.2.1	Public relase	<b>DEBUG_DISABLED</b> RepCfg_101c
	Bugfix: <ul style="list-style-type: none"> <li>Print text: White chars removed in printout - fixed</li> </ul>	
V 1.2.0	First public relase	<b>DEBUG_DISABLED</b> RepCfg_009
	Known issues: <ul style="list-style-type: none"> <li>Listing the files in a folder becomes slower the more files are stored in a folder. From 100 files per folder, this effect becomes annoying in operation.</li> </ul>	

	<p>It is recommended to keep the number of files as small as possible by deleting unnecessary files after printing/downloading or creating a new folder.</p>	
V 1.1.9	<p>Release Candidate 3</p> <p>Release version with Debug enabled</p>	
	<p>Bugfixes:</p> <ul style="list-style-type: none"> <li>• Using PTNODE without Network now working</li> <li>• GUI hang --&gt; Now force of FW restart</li> </ul>	
	<p>Improvements:</p> <ul style="list-style-type: none"> <li>• Complete rework of file listing using WebSocket server</li> <li>• Update ESP core components from Framework 1.06 to 2.07</li> <li>• Added loopback test for serial ports by defining "loopback" id in repcfg.jscon</li> <li>• repCfg.json - version now shown in Device Manager</li> <li>• Device Manager hint is shown below device type</li> <li>• GUI responsitivity improved after reboot / Firmware update</li> <li>• GUI texts revised/corrected</li> <li>• GUI handling improved</li> </ul>	
V 1.1.8	<p>Release Candidate 2</p> <p>Change version numbering to <i>version.minor.relase</i></p>	
	<p>Bugfixes:</p> <ul style="list-style-type: none"> <li>• GUI hangs after multiple device configuraiton changes --&gt; Now force of FW restart</li> </ul>	
	<p>Improvements:</p> <ul style="list-style-type: none"> <li>• Replace control chars from serial stream</li> <li>• Enable max. lenght of report line</li> <li>• Switch to disable String trim</li> <li>• GUI handling improved</li> </ul>	
V 1.1.7	<p>Release Candidate 1</p> <p>Change version numbering to <i>version.minor.relase</i></p>	
	<p>Bugfixes:</p> <ul style="list-style-type: none"> <li>• Correct handling of CTS signal (was always set before)</li> <li>• <a href="#">ESP32FtpServer.cpp</a> Date now UTC to display correct date in FTP and HTML-Table</li> </ul>	
	<p>Improvements:</p>	

	<ul style="list-style-type: none"> <li>• Blink COM# in display on new data now 200ms</li> <li>• Number of element(s) displayed in table body</li> <li>• PTZsdClass::getDirListAsync() Async JSON handling and 48kB JsonDoc</li> <li>• .data/filemanger.js Faster handling of SortTable</li> <li>• <a href="#">.ESP32FtpServer.cpp</a> MLSD implemented</li> </ul>	
V 1.15	Release Candidate 0	
	Bugfixes: <ul style="list-style-type: none"> <li>• Guru mediation on fileArray &gt; 100</li> </ul>	
	Improvements: <ul style="list-style-type: none"> <li>• Last test version 1.xx</li> <li>• Cleanup debug output</li> </ul>	
V 1.1x	Test versions	sent to dealers
V 1.0x	Developement versions	never distributed