

# CB-2138 SERIAL PORT ADAPTER TOOLBOX

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## Document Revision

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# 1 General

Toolbox for the connectBlue *Serial Port Adapter*<sup>™</sup> models.

This document is valid for the following *Serial Port Adapter*<sup>™</sup> models:

- cB-OEMSPA310, cB-OEMSPA311, cB-OEMSPA331, cB-OEMSPA312, cB-OEMSPA332
- cB-OEMSPA333
- cB-OZS311
- cB-OBS411
- cB-OWSPA311g
- Bluetooth IO
- Bluetooth I2C Bus Adapter
- cB-SPA312i
- cB-RSPA333s
- cB-WSPA311gi
- cB-RWSPA311gs
- cB-RZS311s

If you experience problems with your Toolbox please fill out an anomaly report and email it to [support@connectblue.com](mailto:support@connectblue.com).

To download the latest firmware, documentation etc. please register for a support account at [www.connectblue.com](http://www.connectblue.com).

## 2 Requirements

### .NET 2.0

To run the connectBlue Toolbox, *.NET Framework v2.0* must be installed on your computer. It can be downloaded from <http://www.microsoft.com/downloads>.

### Network

The Toolbox can, by default, not be run over a network for .NET security reasons. To do this, the security level for the requested zone (e.g. local intranet) must be changed to "Full Trust". This can be done using an administrative program called *Microsoft .NET Framework 2.0 Configuration*. It is recommended that it is not changed without consulting your IT administrator.

### Initialisation

When the Toolbox is run the first time it creates a *Toolbox.ini* file in the same directory as the *Toolbox.exe* file. If the user does not have full access to that directory, the file is not created. This means that the Toolbox will always be started with default settings and not the previously used settings.

## 3 Version 3.8

Setup Executable	Version	Build	Comment
Toolbox Kit	3.8	3548.23049	Official 3.8 release BT: Extended support (AT*AGSM) for BT 2.1 security in Security tab (see <i>Bluetooth Serial Port Adapter Security</i> document for details). BT: Added Bond command (AT*AGB) in Security tab. BT: Added Read/Write Service Name (AT*ADRSN/AT*ADWSN) in Server tab. BT: Added Extended Inquiry (AT*AGI) button in Client tab. All: Increased number of user commands in User Defines tab.

### 3.1 Known Limitations and Notes

There are currently no known limitations.

## 4 History

Version	Build	Comment
3.7	3442.23446	Official 3.7 release BT: Additional support for BT 2.1 security in security tab. Added <i>User Defines</i> tab for user specific AT commands.
3.6	3211.15926	Official 3.6 release 802.15.4 SPA is supported. WLAN: AT*ANDHCP now has server/client parameter option. All: New baud rates of 1.3 Mbits/s and 2.7 Mbits/s. All: Minor bug fixes. All: Automatic recognition of AT*ADDM (data mode) and AT*AMWS (reset) if entered in console window.
3.5	2910.20969	Official 3.5 release WLAN: Scan (AT*AGSCAN?) added to link tab. WLAN: DNS (AT*ANDNS) added to network tab. WLAN: Max Output Power (AT*AMMP) enabled in optimization tab. WLAN: Extended Watchdog command (AT*AMWS). WLAN: Operational Mode Reserved is removed (AT*AGOM). I2C: "Bluetooth I2C Bus Adapter" added as new product. All: Minor bug fixes.
3.4	2813.18313	Official 3.4 release WLAN: User Name added to Link tab (AT*AGUN). WLAN: Authentication parameters modified. WLAN: Encryption parameters modified. WLAN: Possible to configure over TCP instead of COM. WLAN: Bug fixes regarding ATE0, ATE1, ATS3, ATS4, ATS5. WLAN: Support for RS232/RS422/RS485 (AT*AMRS). BT: Support for FTP and OPP servers and clients. BT: Additional default remote peer parameters. BT: Additional feature mask for optimized buffer handling. All: Possible to copy from console even if disconnected.
3.3	2692.22530	Official 3.3 release WLAN: MTU Size moved from Link tab to Optimization tab. WLAN: Max output power not available in Optimization tab. WLAN: Data rate and link adaptation added to Link tab. cBProduct-0702-01 (15) WLAN: Echo server removed from Service tab. WLAN: Regulatory domain added to Misc tab. WLAN: General-purpose data added to Misc tab. All: Status bar updated for new serial settings.
3.2	2624.26913	Official 3.2 release WLAN: Added UDP Receiver command. WLAN: Added feature bit mask command. Bluetooth IO: Updated Read/Write Configuration command.
3.1	2592.18243	Official 3.1 release Additional functionality for WLAN serial port adapter. Minor bug fixes.
3.0		Internal 3.0 release. For internal use only.