

## Milan / Paylink Version 4.1.12.15 Release Notice

This is a **full** (4) release of the Milan / Paylink Interface - code version **1.12.15**.  
The main reason for this release is support of the new Paylink MDB Lite, but also release has some improvements and bug fixes over 4.1.12.14.

This release note covers the differences from **4.1.12.14**, people upgrading from earlier versions should read the appropriate release notes for 3.1.12.3, 4.1.12.4, 4.1.12.6, 4.1.12.7, 4.1.12.8, 4.1.12.9, 4.1.12.10, 4.1.12.11, 4.1.12.12, 4.1.12.14

### ***Major Improvements***

#### **Paylink MDB Lite**

The Paylink driver program included in this release will allow the use of the new Paylink MDB Lite to provide connection to all the supported MDB peripherals.

Note: that the AESCDriver for Linux systems will not handle Paylink MDB Lite units (or Paylink Lite V2)

#### **Paylink Lite Auxiliary Devices**

You can now include more than one Paylink Lite devices in a configuration.

If there is a cctalk device, then that is the main unit and any MDB or RS232 units will be expected to be Auxiliary devices.

If there is an MDB device, then that is the main unit and any RS232 units will be expected to be Auxiliary devices.

#### **Innovative SmartHopper**

Earlier releases of Paylink had a number of bugs and deficiencies, which have all been fixed in this release.

It is recommended that everyone using an Innovative SmartHopper moves onto this release.

#### **Dot Net 5.0 and above (6.0 & 8.0)**

The SDK now includes preset projects for .NET 6.0 and .NET 8.0 class libraries, with ready to use binaries available in AesImhei.Net 6.0 and AesImhei.Net 8.0.

The DotNetUserGuide.pdf details how to set other frameworks.

#### **Cashless Processing**

A new function, CashlessRequestCreditId() has been added to the API. Where the peripheral supports it, this allows a binary number to be included in the request for credit. Specifically for MDB Cashless a 16 bit ID is sent to the payment device, which should be recorded by the payment processor.

#### **Paylink Reset Program**

For use in exceptional circumstances, both Windows and Linux releases include an example program that issues a low level reset to the Paylink unit.

Note: this should not be used in normal operation, the PC code is written to recover from this, but there is no guarantee of smooth operation.

#### **USB Driver Code hang monitoring**

This release included code that monitors the USB driver code (if used) and detects and diagnoses if it ceases processing.

### ***Minor bugs fixed from all earlier releases***

The following significant bugs were present in the release version of 4.1.12.14 and earlier versions of Paylink

- The **Azkoyen Evolution hopper** confused the Paylink driver into sending 4 byte dispense commands which then confused the hopper. The hopper discovery code has been rewritten to avoid this.
- An exotic fault whereby handling minor(handled) problems in MDB Cashless (successfully) eventually caused the error stop “Configuration is too complex”
- Configuring an F53/F56 with firmware that didn’t support it would “brick” the Paylink unit so as to require hardware level reprogramming. This became significant when the base level Genoa firmware lost this in release 4.1.12.12
- Some exotic bugs in the Linux build process have been fixed.
- The MDB Serial number processing now uses all the digits in the text serial number
- Due to an oversight in the code, WriteInterfaceBlock() for the cctalk line was omitted from the Paylink Lite 2 code. This has now been re-instated.