

## Milan / Paylink Firmware Version 4.1.12.9 Release Notice.

This is a **Full** (4) release of the Milan / Paylink Interface firmware - code version **1.12.9**.

This release note covers the differences from **4.1.12.8**, people upgrading from earlier versions should read the release notes for 3.1.12.3, 4.1.12.4, 4.1.12.6, 4.1.12.7 & 4.1.12.8.

### **Significant General Improvements.**

This release contains no *general* improvements, it fixes several faults that have become apparent, and adds a few specific improvements.

### **Specific Improvements.**

- This release supports the NRI C2 and MEI CF7000 Changer units from Crane on USB.
- This release supports Level 3 (always enabled) mode on MDB cashless devices
- The F53 dispenser devices now return an event through the NextEvent() system whenever a Jam condition occurs. See details in the System Manual.

### **Minor Updates from 4.1.12.8.**

- This release changes F53 Jam processing. In earlier release an F53 Jam notification would be ignored and Paylink would retry the payout. For 4.1.12.9 onwards the first Jam status will stop F53 payout attempts and return PAY\_JAMMED.
- The MEI BNR support is now compatible with version 1.13.0 / 1.13.2.

### **Specific bugs fixed from 4.1.12.8.**

The following significant bugs were present in the release version of 4.1.12.8 and earlier versions of Paylink

- Cctalk hoppers are now correctly enabled during initialisation.
- Fix a bug whereby the F53 handler got confused during recover following a short power fail.
- Fix a bug whereby the periodic comms failure from cctalk hoppers would very occasionally cause Paylink to miss an API enable / disable.
- Fix a bug in the ID-003 note recycler code so that it now returns an error on payout if the device is not operational.
- Fix a bug whereby some MDB note definitions were not correctly processed.
- Fix a DLL bug whereby another PayOut() request immediately following a failed pay out would be ignored.
- Fix a bug whereby a merged system (with both a real Paylink and USB devices) would very occasionally hang during a payout.

### **Configuration File.**

The new USB support for the C2 and CF000 change units is specified in the configuration (Standard.cfg) file by an MDB protocol line of the form:

**Protocol MDB on connector USB**

**C2 at 08h**

or

**Protocol MDB on connector USB**

**CF7000 at 08h**