

TECHNICAL BULLETIN**IT-322**

Date: 04/09/2008 Model: My Vision X / Vision X
From: Panini R&D To: All
Compiler: T. Bowcut

Modifications	Retrofit Kit Avail.	Free of Charge	Starting Affected TL
Only Info. <input checked="" type="checkbox"/> Suggested <input type="checkbox"/> Mandatory <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	N.A.

Subject: Panini Vision X Engine 1.0.24**Overview**

A new version of the Panini Vision X device engine is now available with the Vision API 3.0. Released as a patch upgrade, the device engine moves from version 1.0.21 originally released with the Vision API 3.0 (see IT-320 for details) to version 1.0.24. The software interface (API) remains the same, ensuring complete compatibility with applications using the Vision API 3.0.

This release includes the updated files below:

- VisionAPI ver. 3.0.0
- VxEngine ver. 1.0.24
- Updated VapiInterface.h

Modifications and Improvements

The release contains the following updates:

- **Message order**

Using MICR+OCR on a single pocket My Vision X or Vision X model, when a reject is detected in the MICR codeline, the “Document in Pocket” message is sent before the SetItemOutput event. This could create misbehaviour in some customer applications that expect to receive the DocInPocket message always after the SetItemOutput message.

Panini has changed this behaviour by sending the DocInPocket message always after the SetItemOutput message.

- **False “software overload” error**

Using MICR+OCR on a My Vision X 1F/Vision X 1F created, in some particular conditions, a false software overload error condition is returned to the application. This release removes this misbehaviour.

- **Wrong AGP cartridge status**

In some particular conditions the GetPrinterCartridgeInfo could return the wrong AGP cartridge status. This release introduces a firmware update to solve this issue.

- **Max power for double-feeding**

This release introduces a correction to the calculation of the max value of the parameter “Max power for double-feeding”.

- **Image error and Smart-Jet**



Using Smart-Jet and taking a lot of time to call SendPrinterData creates a wrong image capture status. This release introduces a firmware update to solve this issue.

- **CMC7+OCR**

This release introduces an update to the merge algorithm of the CMC7+OCR to improve the reading performance.

- **True Color error**

In some particular conditions (due to the document length), the True Color acquisition mode could create an error condition that leads the software to a hanging condition in the feeding state. This release introduces an engine update to solve the issue.

New Features

The release contains the following new options:

- **AUTO MICR+OCR**

This release adds the capability to assist the MICR Auto-recognition with the OCR engine. This is a further MICR font definition in the "VApiInterface.h" file.

Installation Procedure

- New Installation – Run the setup.exe file included in the Vision X API installation package.
- Upgrade Installation – Launch the API setup.exe file; this will detect the current installation and update the necessary files.