

Dear customer,

The purpose of this eNewsletter is to provide you with the latest information on new products, updates, releases and additional information to further simplify the support of your programmable devices.

More detail in each of the subjects below can be found at www.dataio.com.

In this issue:

- _New camera lens for small devices
- _New catalog of Application Software (downloadable)
- _Recent product update releases:
 - UniFam V8.4
 - TLWin Version 7.00
 - FlashPAK 2007A
 - FLX500 Version 1.1
- _Version Control software released
- _Change in algorithm download capability

PRODUCT HIGHLIGHTS

PS288/PS588 Vision Systems Capability Enhanced

As part of Data I/O's continuous improvement program, the PS288 and PS588 Automated Programming Systems now ship standard with a new Pentax camera lens. The Pentax lens replaces the original VS Technology camera lens. Pentax Lens upgrade kits are available for existing PS288 and PS588 systems installations. The customer installable upgrade kit includes the Pentax lens, backing plate (white shield) and installation instructions.

When processing small device packages on PS Systems with the previous lens, it was sometimes difficult to adjust the vision system to allow for accurate and repeatable device placement in the programmer sockets. For handling device packages 7 mm square or smaller, Data I/O recommends purchasing the new user installable Pentax Lens Upgrade Kit.

For more information on the PS systems please see
<http://www.dataio.com/products/default.asp?id=47>

Contact your Data I/O representative and get your personal quote at
<http://www.dataio.com/contact/>

APPLICATION NEWS

Application Software Catalog Released

In addition to providing industry-leading programming solutions, Data I/O's library of application software continues to expand. A summary of software solutions has been compiled into our Application Software Catalog and can be downloaded from our Web site at
<http://www.dataio.com/products/default.asp?id=50>

Version Control Software Released

The Version Control option allows for creating a copy of all of the files generated when a Task is run on PS FlashCORE. The collection of these files is referred to as an 'Archived job'.

Archived jobs are created and tested by a Supervisor having Admin privileges in TLWin. When the job is ready for use in production the Supervisor can change the state of the job to 'Ready' and then an Operator (a user without Admin privileges in TLWIN) can run the job.

Archived jobs are created when a Task is run from the Task Manager screen. After clicking Load Task, a dialog allows a Supervisor to create an Archived job (as well as setting the Pass Limit). If Supervisors choose to create the Archived job then they can enter the name for the Archived job as well as a description for it. By default the Archived job will be given the name of the Task with a '_J' added to the end. In addition, Supervisors can name the Task however they want to.

The Version Control software also identifies when there is a mismatch condition between the version of system firmware currently installed, the version of hardware currently installed and versions in the serialization Task. Version Control has been released as an optional utility that runs on top of a plugin to TaskLink for Windows (TLWin) Ver 7.00 or later.

UPDATE NEWS

Product Updates Released

Several programming platform updates have recently been released to customers with annual support agreements. Summary highlights of these many releases are noted here. Please contact your Data I/O representative if you would like to renew your annual support agreement at <http://www.dataio.com/contact/>

- **FLX500 Version 1.2**

Several changes / enhancements have been released for the FLX500, including Programmer Module offset recording, addition of a calibration utility to simplify first device location, a Save Logs button for customers to take a snapshot of the system setup, job statistics page (viewable during or after a job), and more.

- **TaskLink Version 7.00**

Hundreds of new devices have been added to the select menus, improved Task manager and operator screens, platform-specific improvements (for FlashPAK, PS Systems, Sprint, FLX500, and UniFam). For a list of all new device supports please go to our device search at <http://www.dataio.com/device/>

- **UniFamily Version 8.4**

Twenty-five new memory and microcontroller devices have been added including P89LPC and P89V micros from NXP, R5F70834, 0835, 0844 and 0845 micros from Renesas, and Spansion S29GL and S29JL NOR memory devices. This is the third UniFam update since Q3 of 2006. Given the many years of support for the UniFam platform and the thousands of devices added, customers may need to upgrade with the Mass Storage Module (MSM) in order to load the update.

<http://www.dataio.com/device/>

- **FlashPAK 2007A**

There have been 356 new FlashCORE devices added (memories, micros, and NAND). Version 2007A is the second release this calendar year and represents a significant extension of the programming systems capability. Changes include increased programming speeds for many devices, and improved network error messaging.

Change in Algorithm Download Capability

Included as a key benefit of annual device support agreements, customers can download individual algorithms from our Web site as they are released. The download process has been changed such that customers can now download *all* algorithms posted since the previous distribution of platform updates (in addition to downloading individual algorithms of their choosing).

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