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DATE: February 25, 2010
TO: Schneider Electric distributors (Acct: 27535)
FROM: Stephen L. Arnold, US PLC Product Management
SUBJECT: Unity™ Pro V4.1 software patch

As part of our continuing quality improvement process, Schneider Electric has identified a potential issue with Unity™ Pro V4.1 software. According to our records you may have purchased Unity™ Pro V4.1 which may be affected by this quality notice. See page two for your purchase information.

If, you have customers who are using Unity™ Pro V4.1. There is a limited possibility that erroneous variable values may result from a *Store current value as init* command. This would result in incorrect variable animation and incorrect PLC program execution. For this to occur, there are five conditions that must be met. If any one of the five conditions does not exist, the stored values will not be affected. The five conditions are identified below.

- 1- The use of unlocated variables with the *Save* attribute set to *True* – AND
- 2- Perform an *Update init values with current values* command (or set the %S94 bit *True*) – AND
- 3- Upload the application – AND
- 4- Perform a modification which impacts *Variables* or *Function Block* instances – AND
- 5- Perform a *Build Changes*

As stated before, if one of these conditions is not fulfilled, then the condition will not occur. Our research shows that less than 1% of customers will be impacted since they do not duplicate the conditions described above. The small number of customers who are impacted may see this manifested differently.

- 1- The animation of unlocated variables with the *Save* attribute set to *True* is inconsistent with the application program execution AND/OR
- 2- The PLC behavior is not consistent with the program logic AND/OR
- 3- The initial values of the above variables are inconsistent or lost.

If any of your customers are experiencing this condition, a Software Hotfix (*UnityPro_V41_HF20045851*) is available on the *Automation & Control Services* web site (*Eclipse*). You will find it in the *My downloads* section in *Patches* for Unity Pro. If you have any questions, please contact your local Schneider Electric Automation Sales or Process Application Engineer.

Please Note: Filling out Exhibit 1 “Distributor Product Information Form” and returning it back to us will remove you from future mailing on this topic.

Enclosure: EXHIBIT 1: “Distributor Product Information Form”

Your purchase details are included below.