BULLETIN
November 11, 2013

End Of Life (EOL) Notification

Control Modules

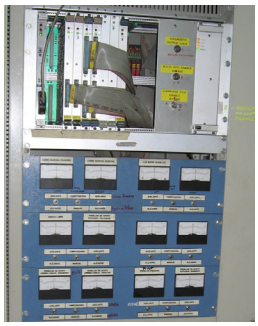
Raute Corporation announces that the current service level cannot be guaranteed for certain obsolete control modules. Customers are urged to consider upgrading the affected products.

Affected products:

- Peeling lines with **VME Servo controllers**
- Peeling/Pressing/Lay-up lines with **Omron CV-Series PLC controllers**
- All production lines with **Raute "RIC" Control system**
- Clipping, Stacking and Composing lines with **ISA-bus based PC controls**

The availability of the spare parts for the affected obsolete control systems has dramatically decreased during the last few years. That means that Raute can offer only minimal support in case of component failure, or if modifications for the existing control system are needed.

TECHNICAL DESCRIPTION OF THE PROBLEMS



Typical VME-Servo controller setup

Peeling lines with VME Servo controllers:

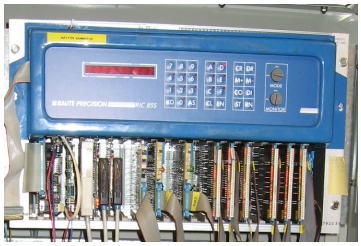
Many of Raute peeling lines originally manufactured from year 1990 until 2000 did have a VME computer to carry out the servo axis position controls of the knife carriage and back-up device. Now the availability of the specific boards and components is so low, that Raute is no more able to serve the customers at the desired level.

Solution: Update the control systems with up-to-date servo motion controllers. In most cases the update of the PLC is also necessary to ensure the compatibility between the new servo controllers and the PLC.

Omron Sysmac CV-Series PLC

Peeling/Pressing/Lay-up lines with Omron CV-Series PLC controllers

Many of Raute Peeling, Pressing and automatic Lay-up lines that were originally manufactured from year 1990 until 2000 did have a Omron Sysmac CV-Series PLC as line control. Now Raute would like to point out that the extremely low commercial availability of the spare parts for that PLC family may cause significant risk for the production, in case of component failure. Additionally, when still using this obsolete control system, it may be impossible to implement the latest Raute product upgrades and improvements which may increase the capacity and profitability.



RIC-85S PLC

All production lines with Raute “RIC” Control system

Raute's RIC-control system was developed mainly in early 80s and it was at that time widely used in all Raute machines. However, the long time has passed since those times, and the components used at that time have not been available for a long time. Earlier Raute has had some of these components at its stock, but now when the stocks have exhausted it is impossible to renew the spare part availability for this system. Basically the only way for Raute to help the client, in case of component failure, is to try to assist the customer to repair the damaged board.

Clipping, Stacking and Composing lines with ISA-bus based PC controls

Industrial PC	ATC-40 Carrier board	ADSP-2111 Camera card
		

Since early 90s Raute has utilized the PC controls in processes like Clipper Scanner and Composer Controls. The PC-computers used at Raute's deliveries until late 2004 were based on the ISA-bus. The common development of PC hardware world has led to a situation that most of CPU and I/O boards used in the ISA-Bus based systems are not available anymore. In order to guarantee the availability of the critical components a total upgrade of the hardware and software is required.

This End-Of-Life notification applies also to even older PC based systems where RIC PLC I/O boards were utilized.

Recommendation by Raute

If above obsolete configurations do exist in your systems, please contact us.

For further information, please contact:
email: service@raute.com

Raute Oyj
Rautetie 2
P.O. Box 69
15551 Nastola, Finland
Tel. +358-3-82911
Fax. +358-3-829 3345

Juha Hyvönen
Mobile +358 (0)40 524 7999
juha.hyvonen@raute.com