

Barendrecht, September 29th, 2023

ICT-Electronics upgrades Machine Specific Controllers to Industry 4.0

ICT-Electronics is specialized in upgrading machine specific controllers to the next generation. Upgrading is driven by the need for an improved User Interface, improved machine communication or additional functionality. Upgrading the existing controller results in other limitation. This is the moment that your controller needs make a step to the next generation.

ICT-Electronics has developed the Machine Control Platform (MCP). With this platform ICT-Electronics can easily realize your machine specific controller, and migrate your control application and user interface to your next generation controller.

ICT-Electronics has the hardware, software and production knowledge necessary to deliver your controller with future-proof functionality!

ICT-Electronics developed its MCP based on industrial hardware and software which enables you to meet all kinds of specific requirements for your application. ICT-Electronics supports you with migrating your machine control application software and ICT-Electronics supports to develop a new and modern look-and-feel.

Your upgraded machine controller will be manufactured, assembled and delivered by ICT-Electronics.

ICT-Electronics takes care of production, purchasing, logistics and quality control of your machine controller.

To have these core disciplines in own hand, ICT-Electronics can guaranty a long-term availability of your machine controller.

ICT-Electronics is the one-stop-shop for upgrading your Machine Specific Control in a long lasting product.

The MCP is programmable with standard CODESYS (IEC61131) or by a specific control application. The HMI can be made with CODESYS or in your own preferred programming language, using standard graphical libraries. The MCP connectivity has a large variety available of industrial buses, also common interfaces like USB and Ethernet is supported. ICT-Electronics has all the knowledge to connect your controller to any back-office application This enables your machine to support the Industry 4.0 standard.

The MCP advantages:

- Customizable for all machine control applications;
- Customizable I/O configuration, cost reduction on external components and wiring;
- Based on the Industry Standard (IEC-61131);
- Easy programmable (using standard development environments) and serviceable;
- Guaranty on availability (at least 10 years), no supplier dependencies;
- Cost reduction;
- Full Graphic User Interface (GUI) support;

- Private label;
- Production and quality control in The Netherlands;
- Local and on-site support;

ICT-Electronics delivers a complete solution which is Industry 4.0 compliant. We provide connectivity which is both essential and efficient for the production process. ICT-Electronics has developed software components for the machine controller and for the back-office application. With these software components the controller will always be able to connect to the back-office or cloud application. We use the [iOTA Predictive Service Solution](#). This software component makes machine servicing very efficient. You will be able to increase the uptime and save operational costs instantly.

Exclusive upgrade offer for IPC/SPS visitors

When ICT-Electronics receives your business card during the IPC/SPS exhibition and you are interested in an offer for the upgrade of your Machine Specific Controller, you receive a reduction of 10% on the development costs.

Visit us during the SPS exhibition – hall 7, stand 580 or send an e-mail to Mr. Arjan Kleiboer: arjan.kleiboer@ict.eu

Related to CODESYS, ICT-Electronics delivers also the following services:

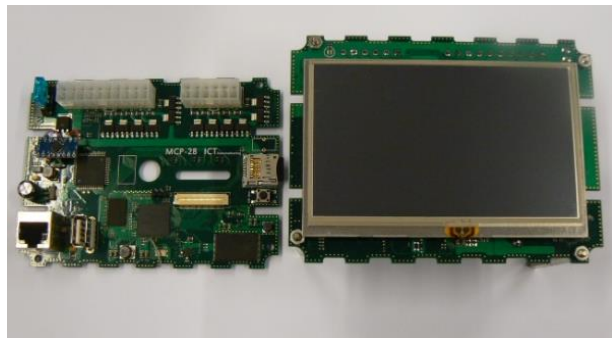
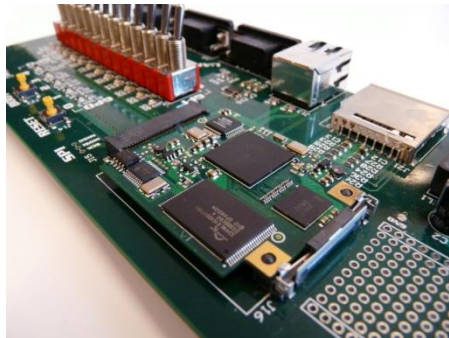
- Technical consulting around CODESYS;
- CODESYS application support;
- CODESYS system integration;
- Driver integration with CODESYS;
- Resell of single licenses for end users.



Proven track record

ICT-Electronics is more than 35 years active in the mechanical engineering market with a proven track-record in development and delivery of machine specific controllers. ICT-Electronics is able to show different applications where the end-to-end solution, controller to cloud application, is delivered to customers. More information can be found on:

<http://ict.eu/markets/manufacturing/>



Source: photo ICT-Electronics- MCP28

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ICT Group (*ICT Automatisering N.V.*) is an independent provider of industrial automation services. Our specific industry knowledge of various markets, enables us to realize innovative solutions. Over 1600 passionate technical specialists are working for the ICT Group.

The following subsidiaries are member of the ICT Group: ICT Netherlands (ICT Automatisering Nederland B.V.), Strypes Nearshoring, Improve Quality Services en InTraffic (50%). For more information: www.ict.eu

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