

Today's

JULY 2013

# Industrial Products & Solutions

*The Complete Purchasing Guide for Today's Industrial Market*

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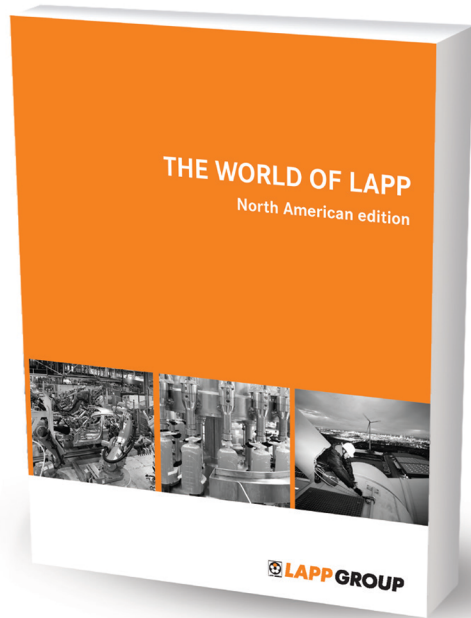
New iPhone & iPad App  
for EPLAN Data Portal

New Access Control  
Product Catalog



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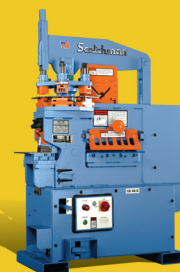


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4

NEW IPHONE AND IPAD APP FOR EPLAN DATA PORTAL

10

CUSTOM FITTINGS PRECISION MACHINED AND TIGHT SEALING

12

NEW ACCESS CONTROL PRODUCT CATALOG

14

AUGMENTED TRACEABILITY: THE WORLD'S FIRST UNCOMPROMISED SECURED TRACEABILITY

18

HUMANTECH RECOGNIZES STAFF FOR ACCLAIMED ACHIEVEMENT

24

AD INDEX



# Today's Industrial Products & Solutions™

The Complete Purchasing Guide for Today's Industrial Market

www.tipsmag.net

**GROUP PUBLISHER**

Jim Barnhill  
205-733-1343

jim@theelectriccurrent.com

**BUSINESS COORDINATOR**

Ed Bauer  
ed@handfmedia.net

**DIRECTOR OF MARKETING**

Hank Underwood  
205-733-1341  
hank@theelectriccurrent.com

**USED EQUIPMENT MANAGER**

Kristy Wynn  
205-733-2025  
kristy@handfmedia.net

**EDITOR**

Brandon Greenhill  
205-733-4343  
brandon@tipsmag.net

**CREATIVE DIRECTOR**

Jacklyn Hobson  
jacklyn@handfmedia.net

**WEB DESIGNER**

Danny Thompson  
danny@handfmedia.net

**FACILITATOR/  
HEAD COORDINATOR**

Steven Hobson  
steven@tipsmag.net

**V.P. OF SALES**

Bart Beason  
205-733-1342  
bart@tipsmag.net

**CEO**

Christy Hobson

**PRESIDENT**

Glen Hobson



**Executive and Advertising Offices**

2070 Valleydale Rd, Suite # 6  
Hoover AL 35244

phone: 1.855.591.6971 fax: 1.855.662.2172

www.tipsmag.net • glen@tipsmag.net

*Today's Industrial Products & Solutions™* is published six times a year on a monthly basis by H&F Media Group, Inc., 2070 Valleydale Rd, Hoover AL 35244 USA. *Today's Industrial Products & Solutions™* is distributed free to qualified subscribers. Non-qualified subscription rates are \$57.00 per year in the U.S. and Canada and \$84.00 per year for foreign subscribers (surface mail). U.S. Postage paid at Birmingham, Alabama and additional mailing offices.

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POSTMASTER: Send address changes to  
H&F Media Group, Inc., P.O. Box 382315  
Birmingham, Alabama 35238-2315  
PRINTED IN THE USA



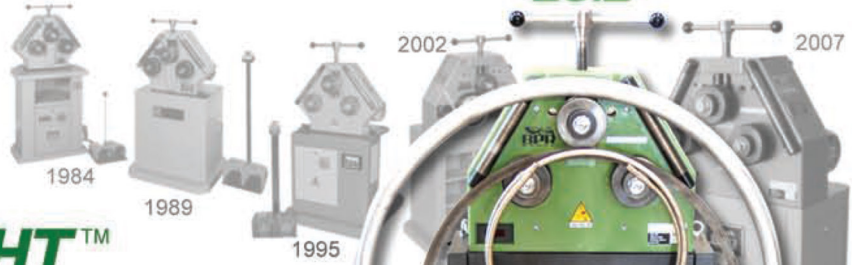


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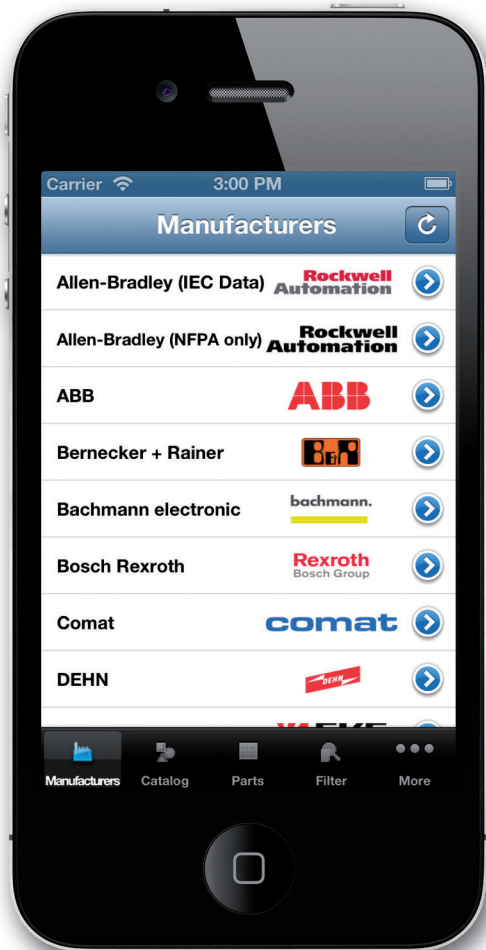
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# New iPhone and iPad App for EPLAN Data Portal



Do you need to select components directly from your machine in the event of faults or maintenance requirement? If you answered yes, then with the new EPLAN Data Portal app, which is now available in two languages from the iTunes Store, this is possible. It allows users to access over 230,000 components in the portal. Users can now search in their mobile devices and select their desired components. Current subscribed EPLAN Customers can use this intelligent app to transfer the data that has been collected into their EPLAN project.

With production becoming more flexible, the need for Mobile applications for iPads and smartphones are in high demand. Solution provider, EPLAN, has now developed a free data portal app for the iPhone and iPad, which was released online during the Hannover Messe. It allows users to select components on a mobile basis, i.e., directly from the machine or plant. Extensive filter options make finding the right component for service or maintenance quicker and easier. If components need to be replaced, they can be selected directly in the app 'on site', i.e., on the shop floor. If a manufacturer has removed the item from the range, another item can be found quickly and easily. Once in the basket, the part is



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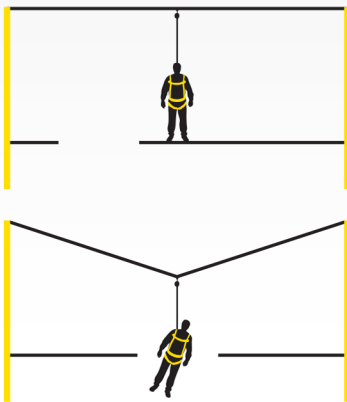
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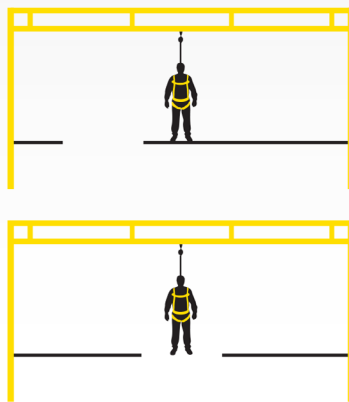
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ready and can be transferred directly to the project at the office. This ensures that the documentation reflects the machine's 'as-built' status and everything fits together logically. The plant and project documentation are consistent and seamless.

### Configuration With Extra Convenience

The parts data provide significant added value even at the configuration stage. The EPLAN Data Portal, during the commercial information state, will provide logic information, for example, enclosure macros or 3D macros for enclosure construction, which is one of the real benefits for app users is the 3D data viewer. Now components can be viewed conveniently from all sides using fingertip controls on a touch-screen.

Configuration engineers are given optimum visual support for the installation position in the enclosure to be developed. This ensures highly efficient configuration in the engineering process and a certain extra bonus in terms of user-friendliness.

### Benefits For Manufacturers

The new app also offers potential for component manufacturers too. Sales employees can access the component data and save it directly, then highlight the potential for integrated engineering for their customers. Added value is evident through real components with integrated project data such as order information, graphical representation and more detailed information in the conventional EPLAN format. It is an unbeatable sales argument for manufacturers and users can benefit from high quality engineering data.

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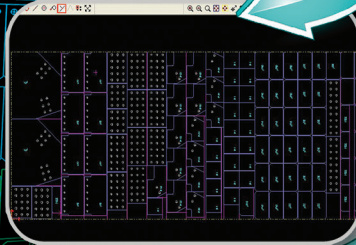
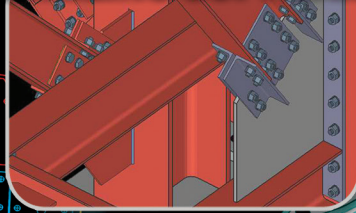
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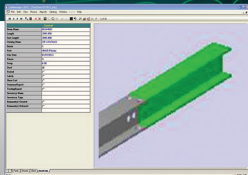
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in-house customer magazine. These apps are already available in two languages for Apple and Android and the EPLAN specialists in Germany are developing other apps. Users can look forward to upcoming technical developments in the “mobile applications” sector. More information and direct link at: [www.eplan.de/app](http://www.eplan.de/app)

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EPLAN Software & Services LLC  
 37000 Grand River Ave., Suite 380  
 Farmington Hills, MI 48335  
 USA  
 Christine KNAPIK  
 Phone: +1-630-408-3863  
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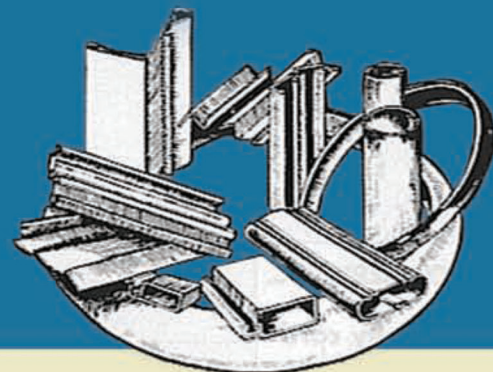
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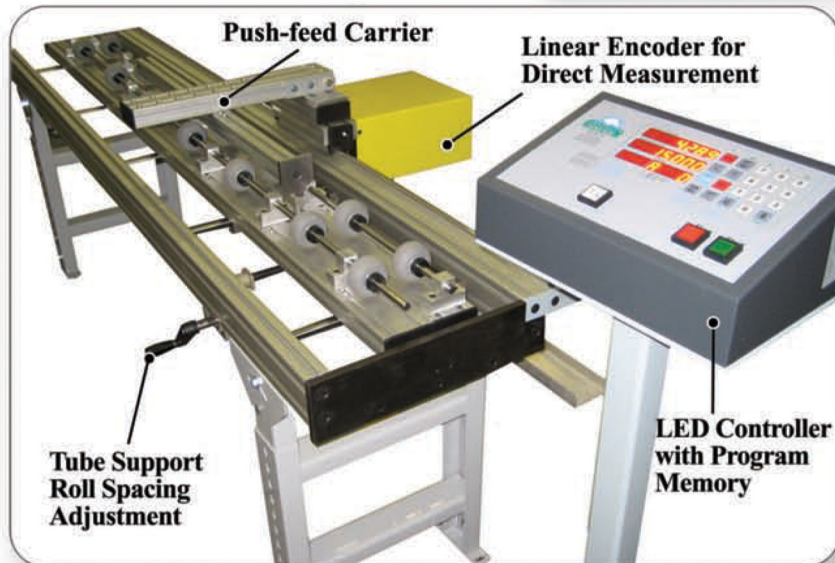
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## About CyberLock, Inc.

CyberLock, Inc. is a high technology supplier of CyberLock access control products that are made in the U.S.A. and shipped worldwide directly from their headquarters in Corvallis, Oregon. For more information, please contact CyberLock, Inc. by phone at (541) 738-5500, by fax at (541) 738-5501, by email at [sales@cyberlock.com](mailto:sales@cyberlock.com), or visit the web site at [www.cyberlock.com](http://www.cyberlock.com).

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Technifor, Gravotech Group, and ORIDAO are launching the first universal and secure traceability solution. It is the innovative merger of part marking and secure RFID, allowing for the uncompromised tracing of parts throughout their life cycle. This cutting-edge technology is suited for sensitive maintenance processes in the aeronautics, defense, energy and oilfield sectors.



Chip including security features

Gravotech, the world leader in permanent marking, and ORIDAO, a high-range specialist in secure RFID, have developed a solution combining high-quality Part Marking and RFID authentication. The objective is to provide secured and dynamic traceability: Augmented Traceability™. Concerning hardware, both Direct Part Marking and marking on the identification plate are possible. The RFID chip can be embedded in the plate or applied directly unto the part. "This technology allows aerospace, oilfield and energy operators to identify and trace parts with complete security throughout their life cycle," explains Franck Rivet, vice president of Gravotech.

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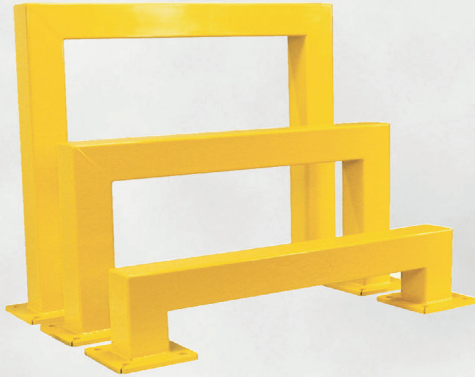


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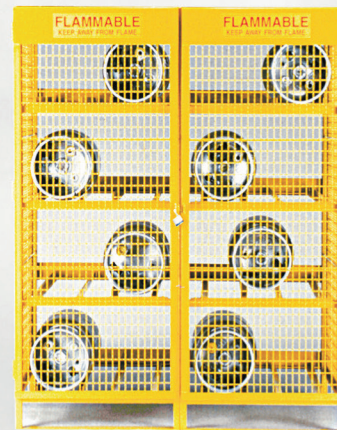
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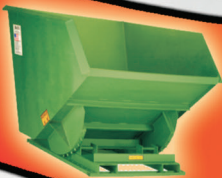
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Secondly, it combines two complementary technologies: part marking and RFID. RFID TAG contains the marking data, but it also offers dynamic Augmented Traceability™. If marking is a regulation obligation, RFID is a must in critical processes: it enables automatic and secured collection of data and easy control at every stage. It simplifies the tracking and management of assets and equipment, on-line or off-line. Since it is much more optimized, improved maintenance procedures can be implemented, downtimes are reduced, and it offers a quick return on investment.

Benefits of this combined solution are redundancy and full consistency, which reduces costs during implementation. RFID Tag offers complete interoperability with RFID EPC UHF Gen 2 standard. Gravotech and Oridao have the in-depth knowledge and expertise to carry out all aspects of their Augmented Traceability™ solutions integration within customer processes, including design, manufacturing and supply of RFID integrated Circuits, hardened Tags, RFID readers, marking consumable and marking stations, consulting and system integration.

Finally, this quick to implement and easy to use solution is supported by Gravotech Group, experts in marking, identification and safety. "RFID solution suppliers are most of the time local companies. Gravotech is able to directly support large-scale international projects and can manage major integration programs across the globe thanks to a unique subsidiary network," states Franck Rivet, vice president of Gravotech. Close to its customers, the group has 3 engineering centers in Asia, Europe and the USA and experienced teams in more than 30 countries on 5 continents.



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# Humantech Recognizes Staff For Acclaimed Achievement

The ergonomics consulting firm Humantech recognizes consultants and ergonomics engineers Jennie Gober and Michael Hoonhorst for receiving their credentials as Certified Professional Ergonomists (CPE). Currently, Humantech has the largest team of board certified professional ergonomists in the country.



Jennie Gober



Michael Hoonhorst

Both Jennie and Michael support ergonomic project deployments, perform ergonomic risk assessments and on-site data collection, facilitate Humantech's RAPID® Team Events, redesign workspaces, and deliver training sessions to client engineering and safety personnel. Previously, they both achieved recognition as Associate Ergonomics Professionals (AEP).

Prior to joining Humantech, Jennie worked as an Assistant Ergonomics Program Coordinator for Colorado State University, where she conducted ergonomic evaluations, performed workers' compensation claim investigations, and redesigned workspaces.

Jennie received a Bachelor of Science in Psychology and a Master of Science in Occupational and Environmental Health, specializing in Ergonomics, at Colorado State University.

Prior to joining Humantech, Michael was a graduate assistant at Western Michigan University, where his focus was teaching ergonomics and statistics, and performing ergonomics research for local companies such as Haworth, Stryker, and Bronson Hospital. In addition, he interned in the Ergonomics department at Haworth where he assisted in the design of new office seating.

Michael received his Bachelor of Science in Industrial Engineering with a minor in Mathematics, and his Master of Science in Industrial Engineering with a focus in Occupational Ergonomics, both from Western Michigan University in Kalamazoo, Michigan.

As stated on the Board of Certification in Professional Ergonomics (BCPE) website, "The BCPE was established in 1990 and is the certifying body for individuals whose education and experience indicate broad expertise in the practice of human factors, ergonomics, and user-experience research. To date, over 1,500 professionals have successfully met BCPE's certification criteria and been awarded one of the following distinguished credentials: Certified Professional Ergonomist (CPE), Certified Human Factors Professional (CHFP), Certified User Experience Professional (CUXP), Associate Ergonomics Professional (AEP), Associate Human Factors Professional (AHFP), Associate User Experience Professional (AUXP) or Certified Ergonomics Associate (CEA)."

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Three years of full-time professional practice in human factors/ergonomics/user experience.

A passing score on the CPE written examination.

For more information on the BCPE certification process, visit <http://www.bcpe.org/page/certification-process>.

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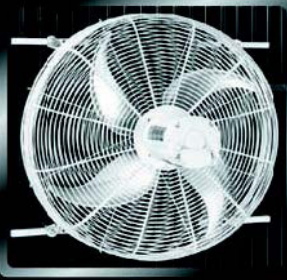
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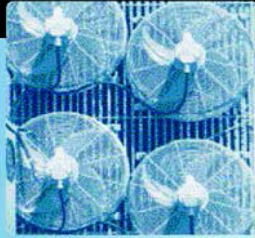
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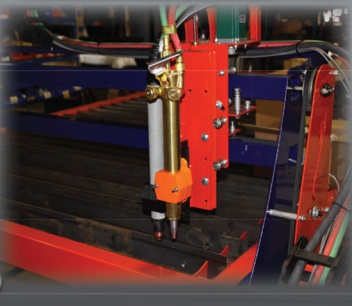
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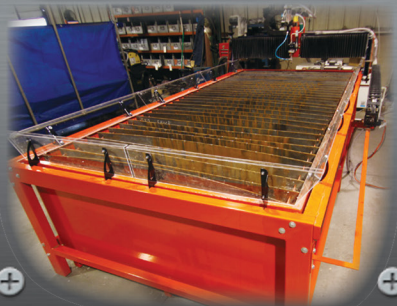
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