Press release dated October 12, 2020

**“Go” to the INDEX Cloud**

Numerous, consistently user-oriented iX4.0 apps for more efficient production

**The digital INDEX world is growing at a rapid pace. Interested users can sign up for a free introductory offer and make the most of an easy, risk-free opportunity to sample its benefits. iX4.0 “go” provides one year of connectivity to the cloud and access to all of the apps on the iX4.0 IoT platform. After the initial year, users can upgrade to the cost-effective iX4.0 basic package that can be expanded as required.**

No product from INDEX is growing as rapidly as iXworld, the world of digital integration. On *ixworld.com*, INDEX and TRAUB users have access to all the information they need about machinery and technologies. Additionally, they can also make use of the iX4.0 IoT platform and the iXshop and iXservices portals.

INDEX is creating the necessary connectivity to make the benefits of digitally-assisted production accessible to customers. All new machines are now iX4.0 ready and customers can easily retrofit their existing machines. INDEX has also ensured secure data transmission and storage through its cooperation with SAP, including a cloud server located in Europe and corresponding encryption. This is confirmed by TÜV certification according to IEC 562443 for the data connection between machine and cloud.

**A ticket to the digital future**

Since July 2019, INDEX customers have been able to request that new machines include the iX4.0 go starter package, which provides free access to all iX4.0 applications for 12 months. The offer has seen high participation from customers, with over 150 registered users in just a few months. Once the one-year trial is over, INDEX has a compelling follow-up offer for these customers: For just EUR 99 a year, interested customers can continue to use the cloud connectivity with iX4.0 basic and benefit from the most important apps.

**Turning data into applications**

INDEX defines apps as individual software tools that evaluate collected data and provide users with directly usable results. Incidentally, the iX4.0 apps can run on any device with a standard web browser. They cover a range of tasks related to machine management, performance management, service management, and job management.

The iX4.0 basic package includes the MachineManager app, for example, which allows users to individually structure their machine fleets by area of responsibility. This means that users only the see the data that is relevant to them. Other apps provide improved diagnostic options in the event of a fault and remote support through the teleservice and video sessions. A service and maintenance tool, pre-programmed with factory recommendations, simplifies maintenance. Anyone who needs spare parts can easily identify and procure them via the SparepartFinder app. Apps that allow the user to keep an eye on productivity at all times or that allow access to online documentation from anywhere are also included in the basic scope of delivery.

**Additional apps for additional needs**

If a user requires more in-depth information, iX4.0 options provides further apps whose additional costs are quickly recovered through the added value they bring. One of them, for instance, enables the user to control all service activities centrally and plan maintenance work if the machine condition requires it. It is also possible to cover the entire machine fleet with a single service and maintenance tool.

As far as performance of the machine fleet is concerned, there are apps that can perform an optimized analysis of machine utilization, thereby increasing productivity, reducing downtimes, or preventing thermally-induced quality problems. Integration in ERP/MES systems also provides greater efficiency. Furthermore, INDEX offers an app that provides machine monitoring as a service. By detecting problems early on, the user can counteract machine downtimes.

Job management is another field for useful apps, which, for example, can perform a target/actual time comparison, document the quality of individual parts or batches, and monitor the resulting energy costs.

INDEX is constantly adding further apps, such as the ToolAssistant, which is responsible for the virtual assembly of complete tools. Among other things, it provides a database containing over one million tools from various suppliers. The user selects the appropriate tool from this database and the required tool holder, including collet, from the iXshop – the software then carries out assembly and outputs the 3D data as a STEP file. The complete tools can then be transferred quickly and easily to any CAM system and, of course, to the virtual machine.

Another recent addition is a cycle time calculator, which calculates the cycle times on INDEX and TRAUB machines for new parts after the required machining steps are entered. By entering the relevant machine hour rate, the user can then also calculate the unit costs.

**Shopping in the iXshop – everything from a single source**

Alongside the iX4.0 IoT platform, the iXshop procurement portal is an essential part of iXworld. It is enjoying rapid growth in many respects. On the one hand, the iXshop contains more and more brands and high-quality complementary products, which are already being accessed by over 1,000 licensed corporate customers – mostly with several users. On the other hand, intelligent search functions make it easy for them to purchase tool holders, accessories, clamping devices, spare parts, raw materials, and, more recently, high-quality measuring equipment – all from a single source and, if desired, integrated into in-house ERP systems. With an available stock level of currently over 97%, rapid delivery of the 130,000 listed items is guaranteed.

The iXservices INDEX service portal is also part of iXworld and is used for the management of all machines, including those from third-party suppliers, for fault, repair, maintenance, and service management. An interactive 3D machine model that helps users identify and order the necessary spare parts is a great time-saver. Remote access and the teleservice are also available via a prepaid system and smartphones in order to avoid costly licensing.

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**Photos:**

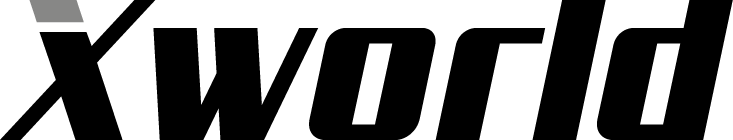


Figure 1: iXworld – the world of digital Integration by INDEX. Figure: INDEX



Figure 2: The IoT platform - Ideally equipped for the digitization of your production environment. Figure: INDEX