As of January 2019, IQMS is becoming DELMIAWORKS, joining the global manufacturing powerhouse Dassault Systèmes and its portfolio of innovative brands.
**RTSTATION 10.1**

**HARNESS THE POWER OF DELMIAWORKS AT YOUR WORK CENTERS**

RTStation 10.1 is a touch screen device that becomes an IQMS user interface at each shop floor work center. Powered by Android™ technology, the RTStation is a rugged, embedded shop floor product that displays machine monitoring details such as part counts, cycle speeds and other machine processes in real time.

Designed for easy data input and operator feedback, RTStation 10.1 provides machine downtime information, prints work orders, logs rejects for production reporting, allows for operator clocking in/out and displays job set-up information, all from one 10 inch screen. The single work center view offers a visual representation of machine performance for your operators, including color coding and detailed graphs.

Through modern, cutting-edge technology, RTStation 10.1 will be able to connect to a variety of Ethernet, USB or RS232 supported hardware and peripherals, raising the bar between ERP software and shop floor communication.

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**The Choice For...**

**Real-Time Production Monitoring**

Receive up to the minute production data from the work station for proactive decision making.

**Operational Improvements**

Both scalable and configurable, RTStation 10.1 is designed to enhance daily operations at your plant and grow with your company.

**Visibility**

With color coding and detailed graphs, shop floor and production visibility is at its fullest for greater shop floor control.

**Durability**

RTStation 10.1 boasts a durable molded housing, completely enclosed hardware and a capacitive multi-touch touchscreen to endure the harsh environments found on the shop floor.

**Flexibilty**

Operate your RTStations wirelessly (like from a forklift, clock in/out station or mobile work center), wired or with Bluetooth support for the flexibility to address any factory setup.

**Integrate the Enterprise with the Shop Floor**

Finally, an ERP and MES single solution from a single provider!

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**RTStation Features**

**Serialized Label Printing**

Shop floor personnel can send labels to a printer directly from the RTStation, eliminating errors by printing the correct label every time.

**Improved Traceability**

Enhance the accuracy of information and improve lot traceability by making lot number changes directly from RTStation.

**Paperless Shop Floor**

RTStation provides easy access to view documents linked to the BOM, inventory item or customer. This can include process sheets, graphics, CAD drawings, pictures, videos and more.

**Time Clock**

RTStation can be used as a payroll time clock or employees can easily log in and out of jobs and report labor directly to project, production or maintenance orders.

**Custom Development**

RTStation is the perfect platform for shop floor custom application/automation development using the Web service API available for RTStation.
RTStation 10.1 Specifications

**Hardware:**
- Dimensions: 10.10” (275mm)W x 7.17” (182mm)H x 1.63” (42mm)D  
- Weight: 1.75 lbs (0.80 kg)
- Durable Molded Housing: Flame Retardant ABS 94V-0
- Standard VESA 75 Mounting Configuration (commercial standard for most monitor mounts)
- Mounting Hole Configuration: Four 8-32 screw holes at a 2.95” (75mm) square pattern
- 1.2Ghz Dual-Core ARM Cortex – A9 MPC Core
- 8GB LPDDR2 POP SDRAM Memory
- 8GB Flash Memory @ 30Mbps
- 1080P Video Playback
- LVDS and HDMI Display
- 2 High-Speed USB 2.0 Outputs
- Optional RS232 Serial Converter
- 802.11G Wireless
- Bluetooth Input Device Support
- HDMI Output
- Audio Output
- 5VDC 4A External Power Supply

The USB ports and serial converter allow you to connect your peripherals to the platform for a variety of applications including barcode readers, electronic scales, etc.

**Capacitive Multi-Touch Touchscreen:**
- Panel Size: 10.1 inches
- Number of Pixels: 1024(H) × RGB × 600(V) pixels
- TFT Display Dimension: 223(W) x 125(H)
- Pixel Pitch 0.2175mm x 0.2088mm
- 18 Bit Color Depth
- Pixel Arrangement: RGB Vertical Stripe
- Viewing Angle: (H/V) 70/70 (H); 50/70 (V) degree
- Surface Treatment (LCD): Anti-Glare

**Built In Ethernet Switch:**
RTStation comes with a built in 10/100 mini Ethernet switch, which allows connection to three other Ethernet devices from a single Ethernet drop. This is useful for interfacing to PLCs, controllers and other Ethernet devices at the work center.
- Filtering and Forwarding Rate: 10 Mbps: 14,880 pps; 100 Mbps: 148,800 pps
- MAC Addresses: 1K
- Standards: IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-T, IEEE802.3x Flow Control
- Switching Method: Store-and-Forward
- CE Approval: Yes
- Connectors: (4) RJ-45

**Software Included:**
- IQMS/Android 4.0 Operating System
- Single Oracle User License
- Applications to add rejects, record downtime, change lot numbers, print work orders, start setups, view/edit IQLogs, view process monitoring information and much more available for customization
Our 3DEXPERIENCE® platform powers our brand applications, serving 12 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the 3DEXPERIENCE® Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes’ collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 210,000 customers of all sizes in all industries in more than 140 countries. For more information, visit www.3ds.com.