

## Advancements for remote mould monitoring

**Monitoring System** - According to Progressive Components, its CVE mould monitoring system has been installed on thousands of tools worldwide since its initial release in 2011. Additional features have now been added, allowing unprecedented visibility of tooling and production, the company says. The monitor enables the user to supervise

timely production around the world because the data is relayed to the cloud-based CVE Live website.

Recent advancements of CVE Live now feature, for example, text alerts to designated recipients when a tool isn't performing as expected. It also features Mould Downtime and Reject Tracking, giving visibility to common issues and

trends. Another feature is Work Order Tracking, which enables users to track and identify recurring issues in order to prevent future unscheduled maintenance, Progressive Components says.

"The CVE platform serves up information in an easy-to-understand format, enabling users to identify poorly performing moulds before they impact

the supply chain," states Glenn Starkey, president of Progressive Components.

"This new release further expands on an industry-exclusive capability that allows users to access information online via a secured website using a PC, smartphone or tablet."

procomps.com,  
Hall 6, Booth 6A57

## High-precision components

**Inserts** - Leonhardt manufactures complex moulds and filigree components in high precision for the automotive, rubber and plastics, die-casting, toy, leisure, cosmetics and medical sectors.

In the automotive industry, it manufactures mould inserts for silicone light guides, the Matrix LED light, used in head-

Source: Leonhardt



At the Moulding Expo, Leonhardt will be in Hall 6, Booth B40.

lamps. This light guide exhibits 90 fine contact pins, with the alignment and dimensions calculated to a few hundredths of a percent. Here, the company says it can achieve tolerances of two µm in processes, thanks to high-performance tooling machines and its employees' experience and ability. Machining tools and electrodes are produced in-house to guarantee reproducible quality. The Matrix inserts require a highly polished surface to enable the light value to be controlled and so that no reflections occur. Thus, a new manual polishing method that enabled the surface roughness to be reduced to an Ra of 0.05 µm uniformly was introduced. [leonhardt-gravuren.de](http://leonhardt-gravuren.de)




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