



PRESS RELEASE

Transparency for Production Robots with Dressler Automation's RoboLive®

Chattanooga, September 22, 2022 – The level of automation in modern robot-based manufacturing plants continues to increase. To enable both system integrators and manufacturers to handle the associated volume of data more efficiently, Dressler Automation has now launched RoboLive®. With its first own solution, the company is advancing the digitalization of production, robot programming and quality assurance.

To complete manufacturing processes as precisely as possible and in a high takt time, more and more industrial robots are being used in production plants. As their number grows, so does the amount of data to be processed, which poses immense challenges for the employees and further exacerbates the prevailing shortage of skilled workers. Having been a systems integrator in the electrical field for more than 50 years, Dressler Automation is familiar with this problem. That's why the German-American company has announced RoboLive®, its solution for commissioning, analysis, and quality assurance of robotic production processes. Five elements simplify the identification, elimination and avoidance of weak points, support project planning and automate the documentation of work results.

Process Visualization enables monitoring of project planning and manufacturing, as well as breaking out of the iterative quality assurance cycle. All parties involved have access to the same data basis for their analyses and can thus initiate targeted corrections and monitor their implementation. The integrated best-fit algorithm and the **Vehicle-0 Determination** element significantly reduce the effort required for optimizations and changes to the plants. With the **Software Overview**, data relevant for planning is bundled and made available in one document. The **Path Calibration** shifts parts of the workload from the plant to the office, speeds up commissioning and enables the digital twin to be connected to the real plant. All this is done without extensive rework and costly and time-consuming plant surveys. The **Robotic Documentation** replaces unused and obsolete archives that would require a great deal of effort to maintain and keep up to date.

In addition to these elements, Dressler Automation is continuously improving RoboLive®. This includes expanding compatibility with additional robot manufacturers and customer standards, implementing kinematics to increase precision, and using Process Visualization directly on the system via augmented reality.

According to Dressler Automation, the solution is already being used very successfully in the automotive industry on several continents. Also, RoboLive® was selected as one of twelve software solutions to be presented in the Software Market Place at this year's IZB, one of the automotive industry's most important communication and business platforms.

More information about RoboLive® can be found on LinkedIn or at robo.live/info.