

**Support for the complete process – from importing component and fixture data to error-free download to robot controller**

## **3D simulation and offline programming platform FASTSUITE from CENIT offers perfect technology integration for TRUMPF laser welding systems**

Stuttgart, September 6, 2018 - The FASTSUITE Edition 2 platform from CENIT provides efficient support with optimized welding strategies and methods for those who have to meet high-standard welding requirements in mechanical engineering, plant construction and steel construction. The 3D simulation and offline programming platform offers a very high degree of automation and allows the reuse of proven welding parameters in a perfect combination with interactive optimizations.

For the TRUMPF laser welding robot systems (TruLaser Robot 5020 and TruLaser Weld 5000), there is now a special technology integrated in the FASTSUITE Edition 2. With this expansion of the digital factory software, turnkey systems for automated laser welding can be operated efficiently and the laser welding process can be safely controlled.

Of course, this also applies to systems such as Amada FLW 4000 M3 and other systems. FASTSUITE Edition 2 software provides the optimal support to use the system efficiently and to receive high-quality laser welding programs. The software offers all functions for the complete process - from importing component and fixture data to offline programming (OLP), simulation and optimization, and error-free download to robot controller. In addition, CENIT experts support the calibration of the virtual cell to the actual cell, so that optimum process results can be achieved immediately with the OLP system. As a rule, re-teaching on the system is no longer necessary, as the exact design of the devices and components ensures ideal conditions for safe operation.

Based on CAD data, FASTSUITE Edition 2 greatly supports users in the simple creation of fixtures for prototypes, the reduction of cycle times for production parts or the reduction of programming time.

For further information, please visit

[http://www.fastsuite.com/en\\_EN/technologies/welding.html](http://www.fastsuite.com/en_EN/technologies/welding.html)

[http://www.fastsuite.com/en\\_EN/products/offline-programming.html](http://www.fastsuite.com/en_EN/products/offline-programming.html)

# PRESS RELEASE



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## **FASTSUITE in Social Media**

<https://www.youtube.com/FASTSUITE>

## **Press Contact:**

Communication Consultants GmbH  
Christine Fröhler  
Breitwiesenstraße 17  
70565 Stuttgart/Germany  
Phone: +49 711 97893-37  
Fax: +49 711 97893-44  
E-Mail: [CENIT@cc-stuttgart.de](mailto:CENIT@cc-stuttgart.de)

CENIT AG  
Luminita Dochia  
Head of Marketing & Sales Support  
Digital Factory Solutions  
Industriestraße 52-54  
70565 Stuttgart/Germany  
Phone: +49 711 7825-3365  
Mobile: +49 151 52745242  
E-Mail: [l.dochia@cenit.com](mailto:l.dochia@cenit.com)

CENIT North America, Inc.  
Luminita Dochia  
Head of Marketing & Sales Support  
Digital Factory Solutions  
691 N. Squirrel Rd., # 275  
Auburn Hills, MI 48326  
Phone: 1 248 309 3251  
E-Mail: [l.dochia@cenit.com](mailto:l.dochia@cenit.com)

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TRUMPF TruLaser Robot 5020

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Simulation of the 3D laser welding process with the TRUMPF TruLaser Robot 5020

## About CENIT

CENIT is your partner for successful digital transformation. With a broad solutions and services portfolio, CENIT enables clients to optimize their horizontal and vertical business processes. Our solutions are based on innovative technologies in: product lifecycle management, the digital factory, and enterprise information management. With interdisciplinary knowledge of the processes involved and their considerable expertise in the field, CENIT consultants provide customers with end-to-end advice to ensure that solutions are implemented with an understanding of the entire value chain. With a holistic approach and based on trusted partnerships, CENIT takes responsibility for solutions on behalf of our clients. From the initial consultation to the introduction of innovative IT solutions, right through to ensuring a cost-effective operation. The CENIT team adapts to each client, taking a practical approach, which enables measurable, operational optimizations. CENIT has been helping prestigious customers in key industries to gain competitive advantages for 30 years! CENIT has over 800 employees worldwide who work with customers from: automotive, aerospace, industrial equipment, tool and mold manufacturing, financial services, and trade and consumer products industries.

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