

Press Kit 2019

Press Contact

Brian Crotty

press@3yourmind.com

Tel.: +49 30 5557 8748

3YOURMIND GmbH
Bismarckstraße 10-12
10625 Berlin



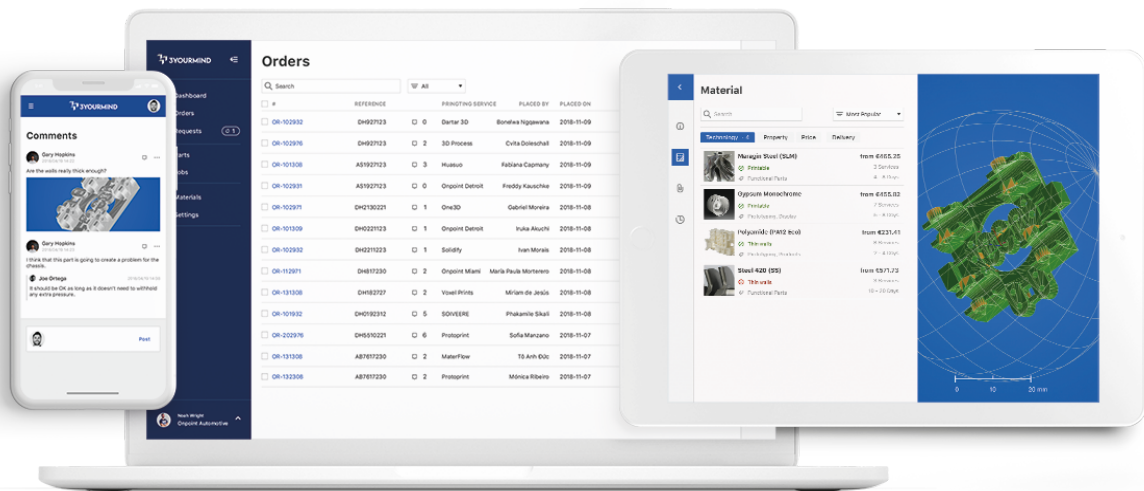
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About Us

3YOURMIND offers Enterprise Software to automate additive manufacturing processes and workflows for leading companies and 3D print services. Their product suite standardizes every aspect of the AM supply chain from analyzing historical part data to efficient order management to optimal production scheduling. The software is laying the foundation for Agile Manufacturing.

Customers who have already successfully integrated 3YOURMIND products into AM production include GKN, DB Schenker, Postnord, EOS, and other undisclosed enterprise companies.



Our Mission

We revolutionize manufacturing by simplifying and optimizing AM workflows.

Our Vision

3YOURMIND is standardizing, controlling and automating AM-processes.

This is **Agile Manufacturing**.

Our Software Suite

3YOURMIND provides software to manage and optimize your end-to-end Additive Manufacturing workflows. Enterprises and 3D Printing Services can benefit from standardization and automation of our solutions; from collaboration tools to integrated order management to production automation.



AM Part Identifier (AMPI)

The AM Part Identifier (AMPI) analyzes technical and economic data to reveal the next parts that are ready for industrial 3D printing.

[Learn more about AMPI.](#)



Order Management

Our Order Management software was specifically built to bring speed, accuracy and automation to the way orders are processed for additive manufacturing.

[Learn more about Order Management.](#)



Agile MES

Intelligent software is needed to increase transparency and speed up the information flow for the additive manufacturing production floor.

[Learn more about Agile MES.](#)



AM Services

Our team of experts guides and supports our customers at every step of the AM workflow, from idea generation to CAD modeling to the execution of their additive manufacturing project.

[Learn more about AM Services.](#)

Our Team

The company is headquartered in Berlin for programming, project management, marketing and sales. Our AM Services division is headquartered in Wroclaw, Poland. We have additional Sales and Project Management offices in Paris, Munich, Detroit (Novi) and San Francisco. The team of 70+ people is composed of experts with years of experience in the additive manufacturing industry as well as young innovative talents. Our employees come to us from around the world to be engaged in the creative and open company culture.



Berlin



Wroclaw



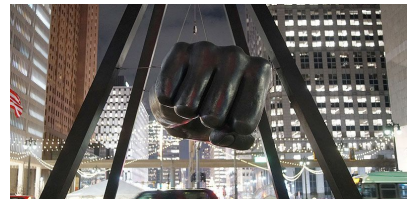
Munich



San Francisco



Paris



Detroit (Novi)

Our Management

3YOURMIND has become recognized among the leading experts in the field of additive manufacturing. Their digital management software and streamlined processes have already been adopted by top AM companies around the world.



Aleksander Ciszek
(Founder, CEO)

After decades spent as a tool for prototyping, 3D printing has now come of age as its focus shifts to series production. 3YOURMIND software is driving this technological push, expanding the potential of additive manufacturing worldwide.



Stephan Kuehr
(Founder, CEO)

Industrial 3D printing applications have moved from prototypes to functional products. To lead this revolution in manufacturing, we need to optimize, automate and connect processes.



Felix Bauer
(CTO)

3YOURMIND's software was developed for a specific set of requirements emerging from the additive manufacturing industry. The features usher in a new and forward thinking methodology essential to the success of the next generation of additive production.

Our Story

The concept for 3YOURMIND began in the Technical University of Berlin's 3D laboratory in the spring 2013. The founders Aleksander Cizek and Stephan Kühr first saw industrial 3D printers and their potential to fundamentally shift manufacturing. But accessing and controlling those printers was complex and involved using ten-year-old (or older) software systems. That was the start for creating a set of digital solutions.

By 2016, their Enterprise Platform was launched to manage enterprise 3D production workflows and automate the 3D part ordering process. In 2017 3YOURMIND launched the industry's first (and only) software to recommend parts for additive manufacturing based on both technical and economic evaluation criteria. In 2018, they began to focus on their Agile Machine Execution System (Agile MES) to optimize AM production process scheduling and support serial additive manufacturing. Now they are part of the umati standardization group which is establishing a standard to read and send data between software systems and production machines. Recently, the Berlin Investment Fund and the European Regional Development Fund awarded 3YOURMIND with funding to improve Machine Learning in their software suite.

Defining Industry Standards

3YOURMIND believes that the only correct way to push “additive” into manufacturing is by creating industry-wide standards. We are members of leading organizations to develop those standards and put innovation at the heart of large companies, SMEs and start-ups, research institutes, universities, regions and countries. These organizations include [umati](#), [DIN](#), [mobility goes additive](#), [VDMA](#) and [America Makes](#), to lay a strong foundation for a future of Agile Manufacturing.



Bringing value to customers and partners

3YOURMIND works with the leading players in the AM industry. As Henkel is a Tier-supplier for the automotive industry, Ford and Volkswagen become key shared customers. Netfabb and Trinckle provide external feedback about successful integration projects, which will also benefit Henkel. The quotes from umati and POLYLINE illustrate 3YOURMIND's dedication in driving the industry forward. Lastly, tenco DDM stands for a satisfied customer as well as a long-lasting and robust partnership.



Dr. Thorsten Gläsner

Product Owner 3D Marketplace
Volkswagen AG

The 3D Marketplace helps the Volkswagen Group mobilize its 3D printing capacity across its brands and international locations. Through the digital marketplace, we have become significantly faster in the development and production of 3D printed parts. 3YOURMIND has been an innovative, professional and highly agile partner both in the implementation and further development of the product.



Dr. Martin Otto

Coordinator of the POLYLINE Consortium
EOS

*The POLYLINE project began in August 2019 with a planned funding volume of over 10M€ to stand as one of Europe's leading research projects for establishing a fully automated physical and digital additive manufacturing workflow. The project includes 15 partners and some of the most advanced companies in additive manufacturing. The production line will be installed at **BMW's AM Campus** with machines provided by, amongst others, EOS and DyeMansion. 3YOURMIND software will standardize and manage the data flow between industrial production machines, post-processing systems, quality assurance processes, and logistics networks. The software acts as a switchboard to route data and files between process steps, maintains an overview of all processes for tracking and controls the production floor as an agile MES. The POLYLINE initiative will set a new bar for the potential of additive manufacturing as an alternative to conventional manufacturing.*

**Tom Castermanns**

CEO
tenco DDM

We switched from a competing 3D order management system to 3YOURMIND and entered into a partnership. The implementation and data migration was smooth, the project managers supported us in initiating the software and we rapidly saw improvements in how we could manage our daily business. Tenco was also part of the Agile agile MES early access program.

**Götz Görisch**

Chairman of the umati joint working group
German Machine Tool Builders' Association (VDW)

Machine connectivity and secure data transfer are critical for enabling smooth additive manufacturing production. 3YOURMIND joined as a partner to the umati (universal machine tool interface) organization in August 2019 as a specialist for the efficient organization of AM. The aim of umati is to establish a worldwide standard for simple data transfer between tooling machines, including 3D printing systems and production management software in the frame of Industry 4.0. Umati brings leading machine manufacturers and software developers to one table in order to guarantee the best and most open and independent solution for the entire manufacturing industry. Because it is based on OPC UA, users of umati are also able to connect to other machines and industrial sectors. 3YOURMIND is one partner in a strong, worldwide network establishing this connectivity standard.

**Florian Reichle**

CEO
trinckle 3D

We integrated our design automation system paramate to the order management system from 3YOURMIND. This enables us to provide our existing and new customers with a design-to-production software that is linked in a single process chain to a worldwide service network. The process of integrating trinckle's technology to the 3YOURMIND software suite was efficient, well executed and professionally handled. Their experienced DevOps programming team ensured that the software deployment was smooth and reliable so that we could concentrate on the design applications that are our daily business.

Recent Press Releases

€1.3 Million in Funding to enhance Industrial 3D Printing Software with AI (Artificial Intelligence)

Berlin and the European Regional Development Fund award 3YOURMIND with funding to improve Machine Learning in their software suite.

18. July 2019

3YOURMIND / Berlin

The investment bank of Berlin has awarded 3YOURMIND €1.3 million in [Pro FIT funding](#), co-financed by the European Regional Development Fund (ERDF). Since 2014, 3YOURMIND software has been optimizing the industrial 3D printing (additive manufacturing) value chain for leading manufacturers in the US and Europe. This funding will be used to extend machine learning applications throughout their software suite.

For companies entering into or scaling their additive manufacturing, 3YOURMIND software helps identify AM suitable parts from existing inventories. For companies and 3D printing services who are already actively 3D printing, the software suite becomes their digital access point for accurate pricing, file management, automated order processing and transparent tracking of the production floor. Adding machine learning to these processes will push additive manufacturing towards the level of automation promised in Industry 4.0.

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Full Press Release:

<https://www.3yourmind.com/press-releases/1.3-million-investment-to-enhance-industrial-3d-printing-software-with-artificial-intelligence-ai>



Agile Manufacturing Execution System (MES) Software Launch

Agile Manufacturing Execution System (MES) Software Launch: Production Software that adds Automation to AM.

02. April 2019

3YOURMIND / Berlin

3YOURMIND, one of the leading providers of software solutions for additive manufacturing (industrial 3D printing), launches their full version of their Agile Manufacturing Execution System (MES). The software adds efficiency to the production floor with smart part prioritization, custom AM workflow creation, rapid scheduling and rescheduling and tracking by order, part and unit. It is the next step forward on the pathway to optimized production.

After 5 years of working with some of the biggest names in additive manufacturing to provide order management systems to scale, 3YOURMIND is extending their solutions to the production floor. They used an Early Access Program to solicit direct feedback from AM power users to solve concrete problems without long feedback cycles. The participants included representatives from the full spectrum of the AM value chain; companies including Voestalpine, Eckhart, EOS and Tenco.

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Full Press Release:

<https://www.3yourmind.com/press-releases/agile-manufacturing-execution-system-mes-software-launch>



Deutsche Bahn increases efficiency of AM processes with software solutions from 3YOURMIND

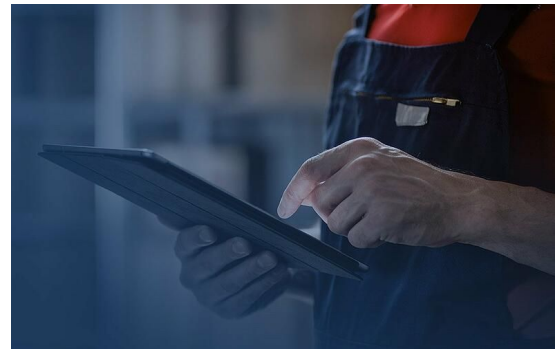
Orienting on the Future with Additive Manufacturing: Deutsche Bahn increases efficiency of AM processes with software solutions from 3YOURMIND.

02. April 2019

3YOURMIND / Berlin

[3YOURMIND](#), the Berlin-based software provider for industrial 3D printing processes has extended their partnership with the Deutsche Bahn. Deutsche Bahn is using the software solutions from 3YOURMIND to collect promising 3D printing applications from throughout their company in order to assemble a digital spare parts warehouse.

3YOURMIND develops software solutions to optimize the processes of industrial 3D printing. Their platforms enable customers to fully exploit the potential of 3D printing with digital workflows that connect teams and production sites. The software algorithms also optimize machine utilization and enable data-based production decisions. 3YOURMIND works closely with customers to add efficiency to AM processes within the company and drive AM production forward.



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Full Press Release:

<https://www.3yourmind.com/press-releases/deutsche-bahn-increases-efficiency-of-am-processes-with-software-solutions-from-3yourmind>

3YOURMIND Raises \$12M to Take Industrial 3D Printing to the Next Level

Series A Funds Targeted to Build on Strong US Market Entry with East Coast Expansion

02. November, 2017

3YOURMIND / Berlin

San Francisco, CA and Berlin, Germany - 3YOURMIND, a leading provider of software solutions for additive manufacturing (industrial 3D printing), announces the closing of a \$12M Series A round today. The company also announces the opening of its East Coast office, based in New York City, NY.

The funds raised will be used to further expand into the US market, following the company's successful market entry which resulted in the addition of major aerospace and engineering customers, including GKN, to its client roster. Money will also be earmarked to drive initial entry into the Asian market as well as the development of further, innovative software tools for industrial 3D printing. The market is forecasted to grow rapidly, with analysts at ARK Invest predicting it will reach \$41B by 2020.

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Full Press Release:

<https://www.3yourmind.com/press-releases/12m-to-take-industrial-3d-printing-to-the-next-level>

Notable Press Mentions



METAL AM | 3YOURMIND receives €1.3 million to improve machine learning for Additive Manufacturing

The investment bank of Berlin has awarded AM workflow software developer 3YOURMIND, Berlin, Germany, with €1.3 million in Pro FIT funding, co-financed by the European Regional Development Fund (ERDF). This funding will reportedly be used to extend machine learning applications throughout its software suite, designed to optimise the industrial Additive Manufacturing value chain.

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[Full online article](#) from July 19, 2019



3D PRINTING INDUSTRY | Interview: 3YOURMIND is unlocking its full Agile MES platform for additive manufacturing production management

Tom Castermans, founder and owner of the 3YOURMIND early access member [Tenco DDM](#) tells 3D Printing Industry more about how Agile MES has improved the company's small series production line. Speaking alongside are Daniel Burkhardt, the Product Owner at 3YOURMIND, and Stephan Kühn, the company's CEO, giving more detail about what to expect from the software's full release, and features still to come.

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[Full online article](#) from March 26, 2019



tct magazine | Deutsche Bahn uses 3YOURMIND software to open up 3D printing possibilities

The news builds on 3YOURMIND's ongoing strategic partnership with DB which aims to accelerate the company's industrial 3D production and move towards a fully digital spare parts warehouse. This digital inventory will tackle challenges with obsolete parts, particularly common in trains that are over 25 years old, and reduce vehicle downtime.

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[Read full online article](#) from March 14, 2019



3Dprint.com | PostNord Continues Partnership with 3YOURMIND with New On-Demand 3D Printing Portal

In 2017, PostNord, one of the top Nordic suppliers of communication and logistics solutions, decided that adding 3D printing to its service offering was a necessary step. 3D technologies could help the company, which boasts a strong distribution network, address the changing needs of its customers by combining on-demand 3D printing capabilities with the 2D printing services native to its subsidiary, PostNord Strålfors, which develops and offers communications solutions in Denmark, Finland, Norway, and Sweden. At that time, PostNord began offering 3D printing services through this subsidiary, which proved successful.

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[Read full online article](#) from June 15, 2018

Tagesspiegel Köpfe | “Wir werden alle noch staunen, was man mit 3-D-Druckern alles herstellen kann”

EXPERTEN



Gründer
Stephan Kühr im
Berliner Office von
3yourmind

»Wir werden alle noch staunen, was man mit 3-D-Druckern alles herstellen kann«

Stephan Kühr
3yourmind

Seit November 2016 betreibt BigRep ein weiteres Büro in New York, nicht nur der deutsche Markt sei für das Berliner Start-up wichtig, sagt Bayer: »Was den Markt für 3-D-Drucker angeht, spielt die Musik immer noch in den USA.«

AUCH IN DER SOFTWAREENTWICKLUNG spürt man diese Tendenz deutlich. Stephan Kühr, Mitgründer und Geschäftsführer von 3yourmind, befindet sich gerade in New York. Sein IT-Start-up begann 2013 als Ausgründung an der TU Berlin. »Wir richten gerade unser zweites US-Büro hier ein«, erzählt er am Telefon, »unser Office in San Francisco gibt es schon seit Oktober 2016.« Die Geschichte von 3yourmind begann als Lösung eines eigenen Problems, wie bei so vielen Start-ups. Für die Planung eines Windparks wollte eine Gruppe Studenten ein 3-D-Modell drucken lassen, die Umrechnung des CAD-Entwurfs gestaltete sich mangels geeigneter Software aber einigermmaßen schwierig. Mit seinen Kommilitonen Tobias Wunner und Aleksander Ciszek baute Kühr den ersten eigenen 3-D-Drucker und entwickelte dafür eine Software, die CAD-Daten automatisch umrechnen und direkt an eine virtuelle Druckplattform schicken kann.

Seit der Gründung hat das junge Unternehmen seine Software und die Plattform konstant

weiterentwickelt, mehrere Innovationspreise brachten den Gründern die entsprechende Aufmerksamkeit. »Wir haben Workflows geschaffen, die den 3-D-Druck automatisieren, der Kunde spart sich viele Zwischenschritte. Nach dem Hochladen zeigt das Programm an, wo eventuell Probleme in der Umsetzung auftreten könnten. Bestimmte, regelmäßig auftauchende Fehler kann die Software sogar automatisch reparieren.« Bei mehr als 50 Dienstleistern weltweit kann man über das Portal Modelle oder Prototypen ausdrucken und dann versenden lassen. »Wir arbeiten natürlich auch mit Kunden zusammen, die eigene interne Drucker verwenden«, sagt Kühr, darunter seien einige Dax-Konzerne oder große Autohersteller.

Aus dem Spin-off wurde in wenigen Jahren ein Unternehmen mit heute 35 Mitarbeitern. Wenn Kühr von den Anfängen erzählt, klingt er selbst verwundert. Eine erste Finanzierungsrunde Ende 2015 brachte dem Start-up einen siebenstelligen Eurobetrag und viel Aufmerksamkeit in der Branche. Unter anderem holte 3yourmind auch Dr. Hans Langer ins Boot, den Gründer und CEO der EOS GmbH aus München, dem Marktführer für den Bau von 3-D-Druckern. 3yourmind investierte in die Entwicklung der Plattform und vor allem auch ins Marketing und die Infrastruktur. Neben dem Büro in Berlin entstand auch eines in Breslau, dem polnischen Mekka für Start-ups. Kühr ist optimistisch, dass der 3-D-Boom weitergeht: »Die Additive Fertigung ist der am schnellsten wachsende Bereich der Industrie 4.0«, sagt er. »Vom Ersatzteil über individualisierte Massenprodukte bis zur biologischen Zellmasse – wir alle werden noch staunen, was man mit 3-D-Druckern alles herstellen kann.«

Berliner Spezialisten für 3-D-Druck

Siemens AG, Bereich Additive Manufacturing

In den historischen Werkhallen in Moabit entstehen im Laserschmelzverfahren Prototypen und Ersatzteile für die großen Gasturbinen. Rund 1600 Siemens-Gasturbinen betreiben inzwischen Kraftwerke in über 60 Ländern der Welt. Sowohl in Berlin als auch bei den Tochterfirmen Material Solutions in England und Fingspong in Schweden wird mit 3-D-Fertigungstechniken experimentiert.
siemens.com

Big Rep

Aus dem Kreuzberger Start-up von 2014 ist in wenigen Jahren der größte Produzent von großformatigen 3-D-Druckern in Serie geworden. Heute arbeiten in der Berliner Zentrale 75 Mitarbeiter aus 15 Ländern.
bigrep.com

3yourmind

Aus einem Spin-off der TU Berlin wurde seit 2013 eine international agierende Plattform für benutzerfreundlichen 3-D-Druck, mit Büros in San Francisco und New York.

3yourmind.com

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Full print article in issue Nr. 104. OKT-NOV. 2017

[Full online article](#) from November 2, 2017

Image Material

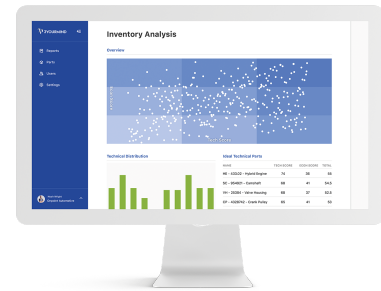
High resolution images can be found with our press resources at <https://www.3yourmind.com/press>.



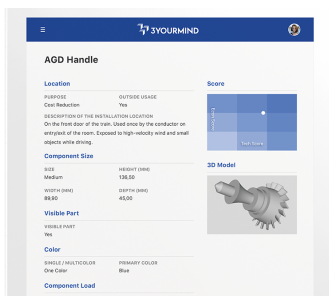
Agile MES Dashboard



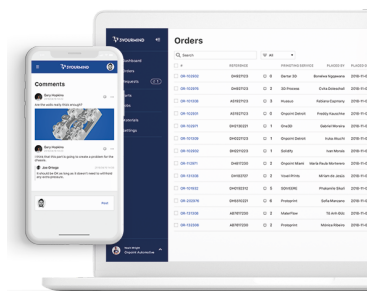
Agile MES Job Scheduling



AM-Part-Identifier Inventory Analysis



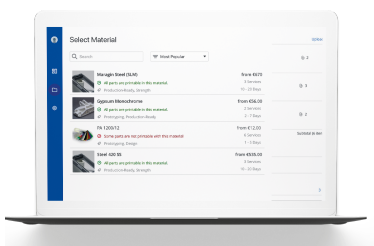
AM Part Identifier Part Suitability



Order Management Showcase



Order Management Communication



Order Management Materials



Production Analytics



3YOURMIND Logos

