

REACH THE

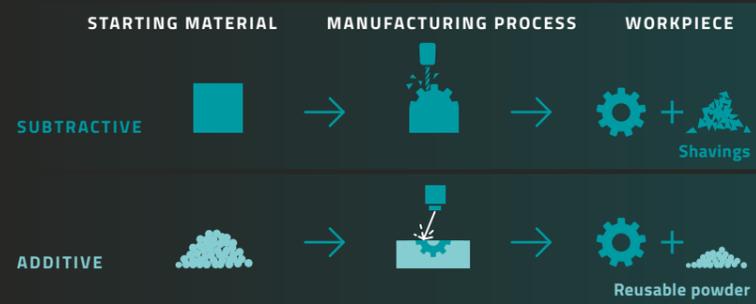
# ▶ NEXT LEVEL IN AM



TRAINING  
SOFTWARE  
CONSULTATION

Prepare yourself for the future  
of additive manufacturing.

# What is AM and why should I take an interest in it?



Additive manufacturing opens a world of new opportunities. A workpiece is built up layer by layer in a powder bed. The laser fuses the powdered material being processed. The part is thus literally built up in a '3D' way.



In addition to powder bed processes, technologies include axis-controlled and robot-controlled deposition welding (LMD/DED) as well as other processes such as EBM, Binder Jetting and Cold Metal Fusion.

## Benefits of AM:

- Shorter lead times
- On-demand manufacturing
- Time-to-market
- Flexibility and sustainability
- Decentralised manufacturing



## Direct additive manufacturing:

Tap into new markets, industries, and customers. Additive manufacturing offers numerous advantages.



Lightweight design    Repairs    Complexity + functional integration    Hybrid manufacturing    Coating

## Indirect additive manufacturing:

- Auxiliary materials
- Moulds
- Special tools
- Clamping devices
- Protective covers
- Repairs/spare parts



## Do you want to...

- ... reach your potential?
- ... identify areas where AM can be used?
- ... integrate a process that suits your needs?

Then AMbitious is the perfect partner for you!

# Print

what you need,  
where you need,  
when you need.

# AMbitious – Practical advice and support for use in practice

Training >>>

Software >>>

Consultation >>>

AMbitious provides additive manufacturing training, software, and consultation. We offer tailored support to assist you with the manufacture of 3D-printed parts along the entire AM process chain – from the strategy all the way through to implementation and certification. Our range of services comprises training courses on additive manufacturing as well as Siemens NX software and training.



We offer a wide range of training courses in Siemens NX – spanning the basics of CAD and NX to build job simulations, topology optimisation and lattice structures, all the way through to specialist training on multi-axis deposition. Benefit from our expert knowledge and move your company into the digital fast lane.



Whether you're a beginner or expert or looking for a bespoke package – our training ranges from basic and expert level training to choose your own level training tailored to your requirements, e.g. for operators or visual inspectors. AMbitious also offers a training course [certified by the Chamber of Commerce and Industry \(IHK\) for industry specialists in additive manufacturing.](#)

BASIC LEVEL

EXPERT LEVEL

CHOOSE YOUR OWN LEVEL



3D PRINTING & NX BASICS

MULTI-AXIS DEPOSITION & NX BASICS

BUILD JOB SIMULATION & CALIBRATION

TOPOLOGY OPTIMISATION

LATTICE STRUCTURES

CAD: BASICS & CHANGEOVER

**\*NEW\***  
VR training  
in AM



# AMbitious – Practical advice and support for use in practice

Training >>>

Software >>>

Consultation >>>

Training >>>

Software >>>

Consultation >>>

As a Siemens NX AM Expert Partner, AMbitious provides training on Siemens NX and can support you with the implementation and use of Siemens NX software together with its modules along the entire AM process chain. We offer Siemens NX modules for the following processes:

Expert Partner

Digital Industries Software

SIEMENS

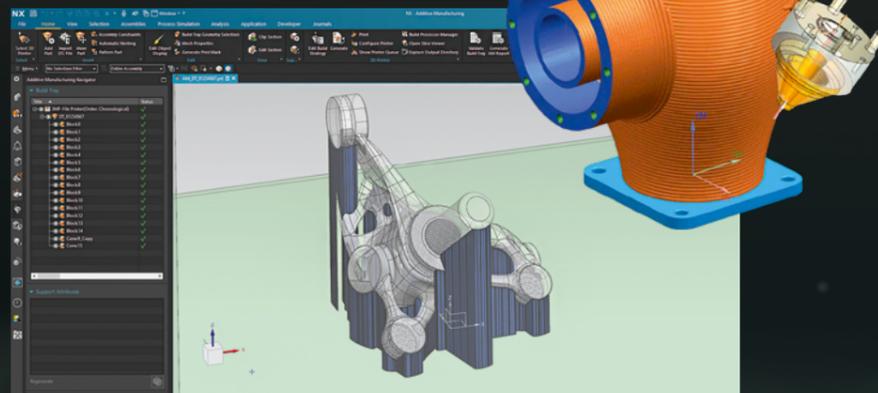


AMbitious offers practical advice and support for use in practice. toolcraft AG has been manufacturing 3D-printed components since 2011. With AMbitious, our aim is to share our long-standing experience in additive manufacturing with you.

## POWDER BED PROCESS

## APPLICATION PROCESSES

The software has industrialised additive manufacturing. This allows you to reimagine your products, make your production processes more efficient and even revolutionise your business model.



Pictures: Siemens AG

As a division of toolcraft AG, AMbitious has extensive practical knowledge in additive manufacturing. Don't miss out on all these benefits:



30 YEARS OF EXPERIENCE



EXTENSIVE EXPERTISE IN AM



NADCAP & TÜV ACCREDITED



YOUR PRACTICAL PARTNER



STRONG NETWORK

### Benefits of Siemens NX:



100%

fewer interfaces



>25%

time savings

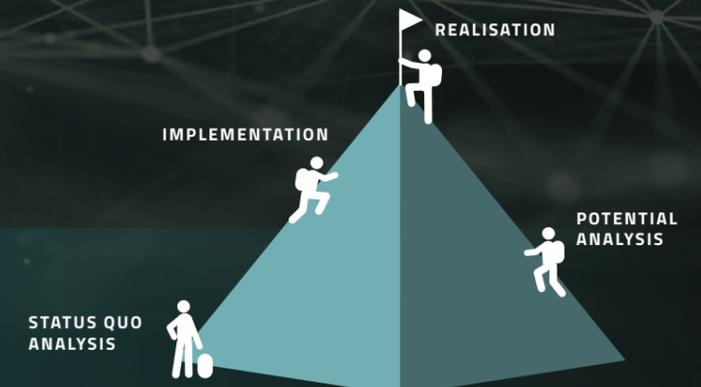


>25%

increase in staff efficiency

### What's next?

Contact us to reach the next level in AM!



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powered by toolcraft

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For course dates and more information on our services, please visit [www.AM-bitious.de/en](http://www.AM-bitious.de/en)