

# AM SERVICES

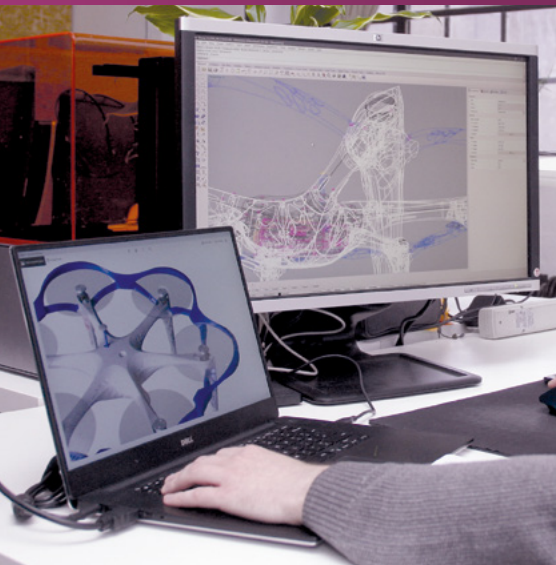
On-Demand Consulting  
to Boost your AM.



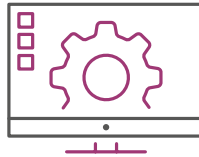
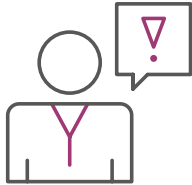
# AM SERVICES

Looking to ensure the success of your  
next AM project?

**AM Services** provides on-demand  
modeling and consulting services  
to ensure you have the right resources  
to seamlessly implement industrial  
3D printing throughout your company.



# ON-DEMAND AM CONSULTING



## CONSULTING

adds AM expertise  
into your team.

## MODELING

and optimization  
of parts for AM.

## EXECUTION

of AM projects,  
from start to finish.



# CONSULTING

AM Services has a deep knowledge of the unique production, engineering and design specifications required for additive manufacturing.

Adding our team's experience is the best way to make a powerful step into AM or fueling its growth within your company.

CONSULTING

MODELING

EXECUTION



## ON-DEMAND AM EXPERTISE

- Screening of existing parts and assemblies to determine strong use cases
- Recommendation for new technology purchases
- Ideation and evaluation of new AM parts
- Training for employees and customers
- Development of AM roadmaps
- Optimization of pricing formulas

**3YOURMIND**  
**AM SERVICES**  
**CONSULTING**

# MODELING

Our team includes designers, product engineers and data specialists. Each part we processes benefits from this interdisciplinary team who focus completely on additive manufacturing. Our larger clients have ongoing agreements for a monthly quota of model optimization to augment their internal capacity.



CONSULTING

MODELING

EXECUTION



# ON-DEMAND CAD DESIGN

- Modeling of new components
- Reverse engineering
- Photogrammetry, laser and tomographic scanning
- Part optimization
- Model topology enhancement
- Digital prototyping

**3YOURMIND**  
**AM SERVICES**  
**MODELING**

# EXECUTION

We understand the timeframes and intricacies of producing 3D projects. AM Services works closely with the top additive manufacturers in Europe and North America. The production method is chosen to ensure the highest quality end product.



CONSULTING

MODELING

EXECUTION



# ON-DEMAND AM PROJECT MANAGEMENT

- Start-to-Finish AM project execution
- Assembly of multi-part AM prototypes, including mechanical connections and motors.
- Custom post-processing
- Creation of custom accessories for 3D models
- Integration of additional digital production methods (CNC and others)
- Preparation for public display and viewing

**3YOURMIND  
AM SERVICES  
EXECUTION**

# ON-DEMAND AM EXPERTISE FOR CUSTOMERS AND EMPLOYEES

**postnord**

**Client:** Postnord

**Product:** Support for model generation and part optimization.

In 2017, PostNord launched their 3D printing ecosystem in the Nordics. The platform serves both experienced AM users and people who are new to the industry. Among other features, the system allows printouts to be ordered with incomplete 3D data or even only using 2D design documentation. The AM Services team supports PostNord to serve a wider group customers.





## SERVICES

- On-demand CAD engineering
- Fixing and remodeling of 3D data
- Creating CAD models from technical drawings
- Creating CAD models from pictures and sketches
- Part optimization and file adjustments
- Model topology enhancement

# INCREASING SALES USING ADDITIVELY MANUFACTURED MODELS

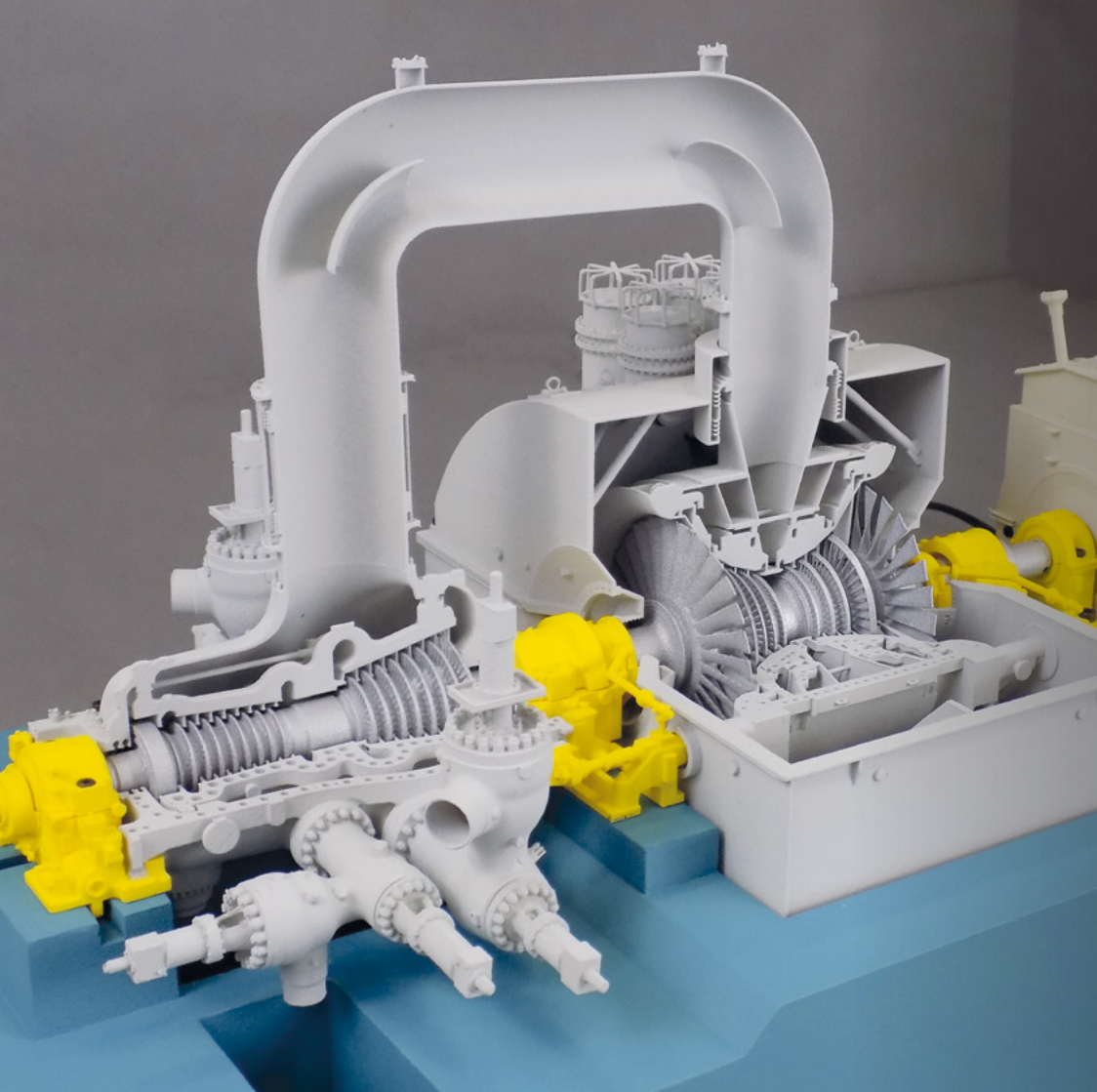
SIEMENS

**Client:** Siemens Communications,  
Power and Gas

**Product:** Scale replicas  
(some motorized)  
of Gas and Steam Turbine  
models SST-5000,  
SGT-800, SGT-400

Visualizing the efficiency improvements in energy turbines is a challenge. Siemens Power and Gas is a long standing customer of AM Services and has commissioned over 250 3D printed scale replicas of their turbines to ship around the world. The larger models are eye-catchers on trade shows and help the sales team describe the efficiency improvements in the technology.

Additive Manufacturing is the only technology that can cost-effectively produce the models at the low volume and high model complexity that is required. AM Services downscaled models of the actual turbines, concealed any sensitive design details, added cavities and interlinked components for motorization and optimized each model for AM. Digitized models can be re-ordered for any Siemens Power and Gas location in the world.



## SERVICES

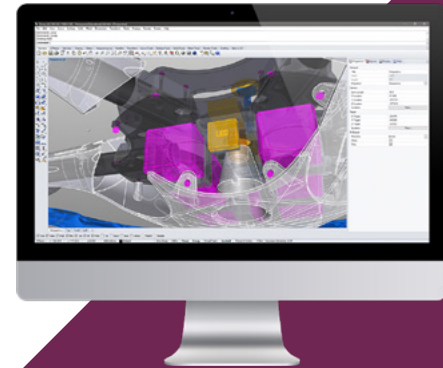
- 3D Model Downscaling
- Concealing Sensitive Information
- Model Optimization based on Technology Guidelines
- AM Project Execution
- Assembly of 3D Models, Including Parts Controlled by Electric Motors
- Display Cases, Flight Cases and Custom-fit Foam Packaging

# AM SERVICES

is an on-demand digital modeling and consulting service that provides AM-specific expertise.

AM Services concentrates specifically on 3D printing technologies and CAD modeling for Additive Manufacturing. Our team includes designers, architects, engineers and data specialists who can take a holistic approach to each individual project. We are technology independent, which allows us to recommend production methods that fit the specific needs of each project.

Our on-demand modeling and consulting service was developed to support the growth of additive manufacturing throughout your organization.



**Setup an AM Consultation:**

[3yourmind.com/am-services](https://3yourmind.com/am-services)



Do you have the expertise you need



to execute your next AM project?



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