

# Hands-on Introduction into EOS M & P Technology Operation

February 2023



# Training Overview

## Target description:

Introduction into the additive manufacturing (AM) process flow for parts production from CAD model to finished object.

## Target audience:

Users with a little to no background in AM looking to gain practical experience with metal and polymer powder fusion processes and get insights into the overall process chain.

## Purpose:

- data preparation demo and machine operation practice.
- **Out of scope:** full enablement on machine operation and build job preparation using Magics and EOSPRINT2.

**Format:** Onsite at EOS Excellence Center

**Number of participants:** 4...10



# Training Agenda

Time	DAY 1	DAY 2
9 am – 12 pm	<ul style="list-style-type: none"> <li>- Welcome</li> <li>- P data preparation demo</li> <li>- <b>EOS P396 machine set up</b></li> </ul>	<ul style="list-style-type: none"> <li>- <b>EOS P396 completed build break out</b></li> <li>- <b>Polymer part postprocess</b></li> </ul>
12 – 1 pm	<p><i>EOS P396 machine gets pre-heated</i></p>	
1 – 5 pm	<ul style="list-style-type: none"> <li>- Intro data preparation for metal</li> <li>- <b>Build start on EOS P396</b></li> <li>- <b>Monitoring the process</b></li> <li>- Other Polymer systems overview</li> </ul>	<p><b>EOS M290 completed build breakout</b></p> <ul style="list-style-type: none"> <li>- <b>Machine components overview</b></li> <li>- <b>Build set up process overview</b></li> <li>- <b>Hands on practice for parts breakout and basic postprocessing</b></li> <li>- Other Metal systems overview</li> </ul>

