

PELAGUS 3D CORE SERVICES					
Processes				Services	
Metals		Polymers		Other	
<b>Conventional Manufacturing</b>  Rapid Casting  Conventional Casting  CNC (Turning/ Milling/ Drilling/ EDM)  Sheet Metal Fabrication (Bending, Cutting, Welding)	<b>Additive Manufacturing</b>  Laser Powder Bed Fusion (LPBF)  Wire Arc Additive Manufacturing (WAAM)  Laser Metal Deposition (LMD)  Binder Jetting	<b>Conventional Manufacturing</b>  Injection Molding  Vacuum Forming  CNC (Turning/ Milling/ Drilling)  Sheet Fabrication (Laser/ Water Jet Cutting)	<b>Additive Manufacturing</b>  Fused Deposition Modelling (FDM) / Fused Filament Fabrication (FFF)  Fused Granular Fabrication (FGF)  Selective Laser Sintering (SLS)  Multi-Jet Fusion (MJF)  Stereolithography (SLA)  Digital Light Projection (DLP)  Material Jetting	<b>Additional Services</b>  Ceramic Additive Manufacturing (Binder Jetting)  Composite Additive Manufacturing (Carbon Fiber reinforced, etc.)  Finishing (Plating, Anodizing, Heat Treating, Coating / Plating, Polishing etc.)  Large Scale Additive Manufacturing  3D Scanning, reverse engineering & on-site inspection	<b>Repair</b>  Any combination of accessible inspection and manufacturing technologies for the repair of critical components  Project Specific Engagement  Remote Locations  Exotic Materials  Early TRL Technologies (R&D)
Common Materials				Certification Bodies	
<b>Alloys - Metals</b>  Steels/ Stainless Steels  Duplex / Super Duplex Stainless Steels  Inconels  Iron, Grey Iron, Ductile Iron  Nickel Aluminium Bronze (NAB)  Aluminiums  Titaniums  Coppers		<b>Polymers &amp; Composites</b>  PETG, ABS, ASA, PC, ULTEM 1010, ULTEM 9085,  Nylons, Nylon Glass Fibre,  PP, PP-Glass Bead,  Standard resin, Coloured resin, Transparent resin, High detail resin, Multi colour resin,  PC, PA, POM, PMMA, PEEK, PEKK, Carbon PEEK, TPU,  Rubber, Silicone		<b>Certification Bodies</b>  Det Norske Veritas (DNV)  American Bureau of Shipping (ABS)  Nippon Kaiji Kyokai (ClassNK)  Lloyd's Register (LR)  Korean Register (KR)  Bureau Veritas (BV)  Registro Italiano Navale (RINA)  <b>Certification Bodies - Non-Class</b>  Société Générale de Surveillance (SGS)  Technischer Überwachungsverein Süd (TUV)  British Standards International (BSI)  Underwriters Laboratories (UL)  American Society for Testing and Materials (ASTM)  International Standards Organisation (ISO)  Intertek	
		<b>Ceramics</b>  Zirconia, Alumina, Titania, Silicate, Silicone Nitride, Aluminium Nitride			