

	1980s	1990s	2000s	2010s	2020
<u>Technology</u>	Conventional Oil EDM YAG / CO ₂ Laser Drilling / Cutting	μHole Water EDM YAG Laser Drilling / Cutting Electro-Chemical Machining	High Speed Water EDM YAG Laser Ablation Viper Grinding (5-Axis)	High Speed Water EDM Fibre Laser Drilling/Ablation Integrated Inspection Industrial Automated Solutions	Advanced HS Water EDM Cold (femto) Laser Ablation Industry 4.0 Inspection Collaborative Automated Solutions
<u>Applications</u>	Aerospace Blades & Vanes	Automotive (diesel & gasoline) Injectors	Aerospace single-crystal Blades & Vanes	Power Generation Combustors & Structural Parts	Electronics / Fuel Cells/ Medical devices
<u>Materials</u>	Inconel Alloys	Stainless Steels	Single Crystal castings	CMCs Silicon	'Doped' Silicon Aluminium, SiC, GaN, GaAs