

Low SWAP Optics for High Power Defence Applications

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Patented laser smoothing process



Secured contracts over 4M for Defense projects



Defence **Coherent Beam** Combining



50 staff across **UK and US**







Engineering and Design in house

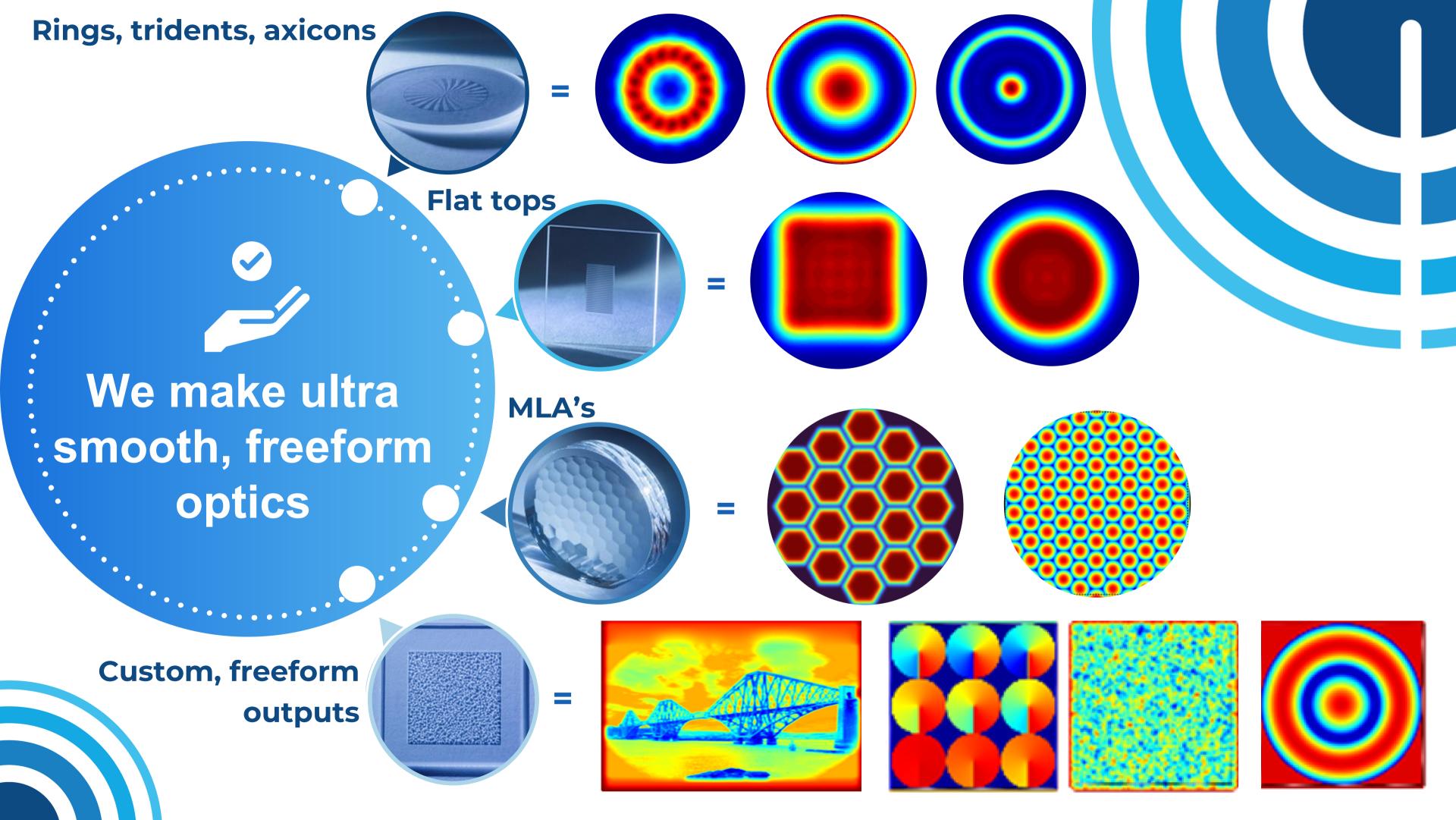
Manufacturing sites in UK and US

Markets & applications



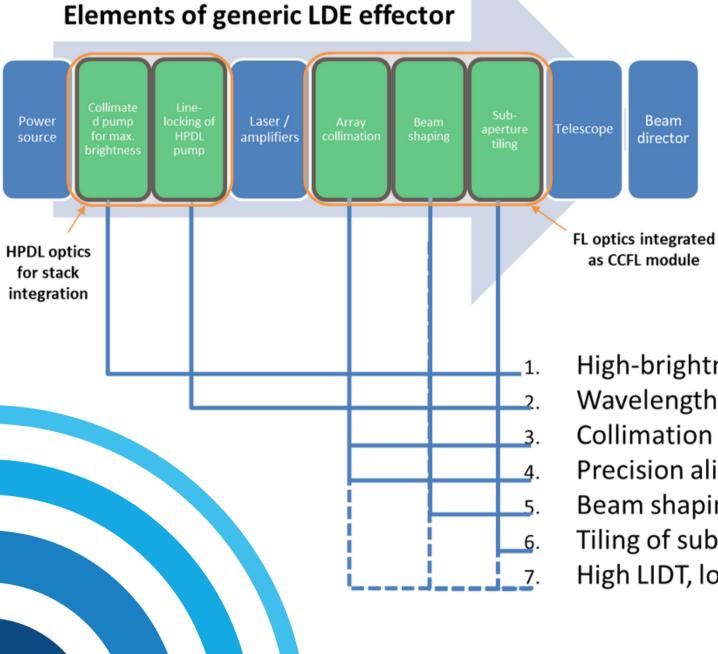


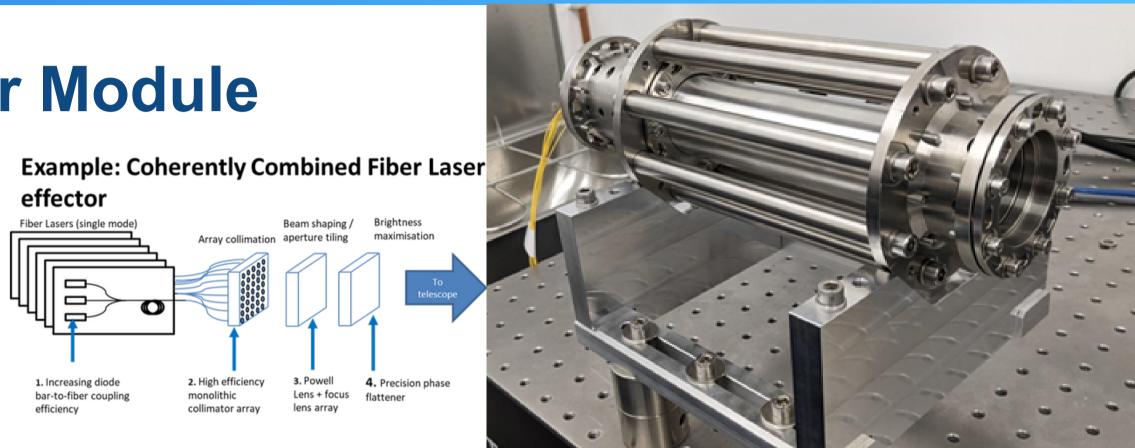
Datacomms Aberration Correction





Coherent Beam Combiner Module

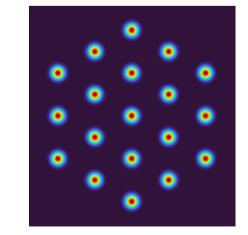


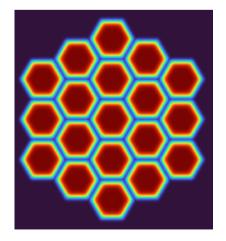


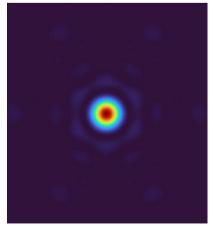
Solutions

High-brightness collimation of diode laser pump source Wavelength / line-locking of diode laser pump source Collimation of fiber array

Precision alignment of optics to fiber array source Beam shaping of aggregate beam and sub-apertures Tiling of sub-apertures with high fill-factor High LIDT, low loss optics







Thank you Let's connect

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