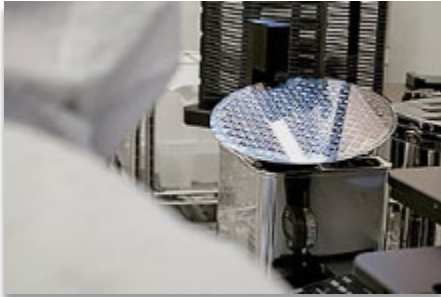


# The Ultimate CCD Fab

## Dedicated CCD Manufacturing



“Industries long-term partner in CCD technology development and supply”

“Continuing to enhance the performance of CCDs, where CMOS is not a good solution”

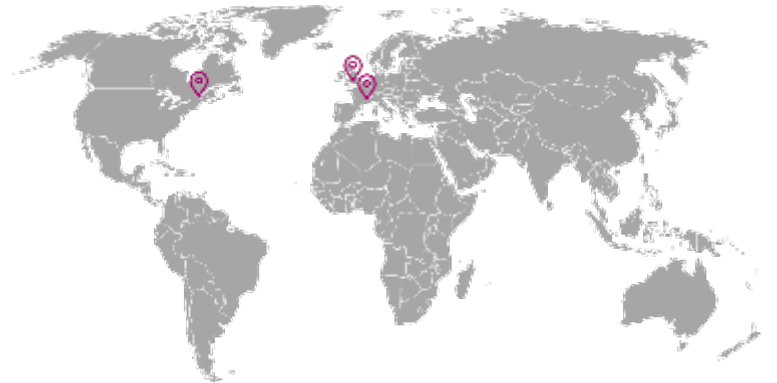
“CCD customisation allows a perfect fit to the customers instrument needs”

### Many aspects of CCDs superior to CMOS

- Dynamic Range
- High inter/intra pixel uniformity
- Longer wavelength (NIR) performance
- Large Area Time Delay and Integration
- Electron Multiplication
- Deep understanding of performance and reliability through decades of study

Developing a new CCD can be a much lower cost, a shorter timescale, and a lower risk activity than developing a new CMOS sensor, allowing bespoke combinations of pixel size, format, package, speed and architecture.

### CCD Fabs and silicon processing in the UK, France & Canada



### Worldclass CCD Backthinning process

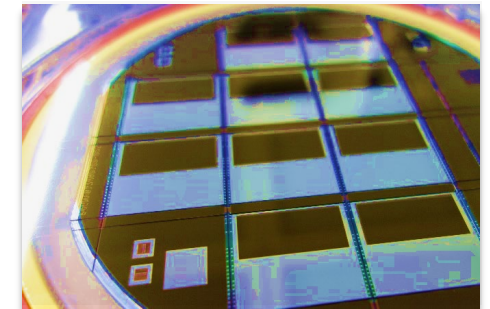


Image Sensors  
Silicon Pore Optics  
Silicon Photo Multipliers  
X-ray – UV – Vis – NIR

