

## ABOUT LUMENISITY® LIMITED

- Hollowcore cable solutions for high performance networks
- Company formed in February 2017
- Novel designs for fibre, cable and field installation
- Strong and growing IP portfolio
- Well-funded – private investors & industrial end users
- Building full scale fab and test facility in Romsey UK



Lumenisity Office Headquarters in Romsey, UK



New Fab & Testing Facility in Romsey, UK

### Vision

At Lumenisity, our vision is to be the world's premier high-performance hollowcore fibre optic cable solutions provider offering our customers reliable, deployable, low latency and high bandwidth connections that unlock new capabilities in communication networks.

### Hollowcore NANF® Solutions Advantage



Latency: Light travels in air core	Ultra high data capacity	Fully backwards compatible with conventional fibre installations
<ul style="list-style-type: none"> <li>- 50% faster data transfer than standard fibre</li> <li>- Covers 2.25x geographical area for given latency envelope</li> <li>- Up to 50% higher transaction rate</li> </ul>	<ul style="list-style-type: none"> <li>- 1000x reduction in nonlinearity – system degradation negligible</li> <li>- Higher launch power capability per DWDM wave =&gt; more channels</li> <li>- Increased amplifier spacing</li> <li>- 200nm continuous bandwidth</li> <li>- Multiwindow operation (next gen)</li> </ul>	<ul style="list-style-type: none"> <li>- Installable with existing equipment and installation contractors</li> </ul>

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