PhoxTroT

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www.phoxtrot.eu
The PhoxTroT Vision
Partners

World leading industrial organisations, research institutes and universities coming together to realise the PhoxTroT Vision
Converged Data Centre System Portfolio

- Product portfolio for converged storage, compute and ultra-high radix switching systems in object oriented fully optically disaggregated data centres
System Level Multimode Optical Interconnect

- High volume electro-optical circuit board manufacture and assembly
- Optically enabled data storage systems

Optically enabled data storage platforms

High volume EOPCB manufacture and assembly

Ultra high density electro-optical router chip

State of the art in polymer, glass and fibre EOPCB
System Level Singlemode Optical Interconnect

- Advanced embedded singlemode optical interconnect for seamless connectivity to singlemode data centre infrastructures
- SiPh transceiver and ultra-high bandwidth router

Glass EOPCB manufacture and assembly

Singlemode glass waveguide EOPCB fabrication and assembly

Singlemode and multimode couplers and connectors
Silicon Photonics and 3D Assembly

- Silicon photonics design services
- Silicon photonics wafer foundry
- Silicon photonics integration and assembly

New EU Silicon Photonics foundry

3D silicon photonics transceiver and router and coupling

Nano-photonics

Silicon organic hybrid technology
Advanced Inter-rack Optical Interconnect

- Active Optical Cable and transceiver products with advanced modulation schemes for ultra high bandwidth higher tier communication
International Standards

• Driving international standards for optical interconnect across the board
Holistic Approach

• Synergizing different platforms to deploy the optimal "mix& match" technologies tailored for each optical interconnect layer

Optical circuit boards

Connectors & interfaces

PIC fabrication & 3D assembly

Transceivers & advanced modulation

Switches & converged systems