

# FOCUS™ :- Fiber Optic Communication Unified Solution

Real time information systems require high speed data networks to sustain operational efficiencies, provide a more responsive and agile environment that reduces operational risks - **DO MORE WITH FEWER RESOURCES**

## FOCUS™ is your solution

### A concept that addresses your needs

The FOCUS™ (Fiber Optic Communication Unified Solutions) concept provides unprecedented benefits that provide IT and facilities managers with maximum network efficiency, immediate control over bandwidth requirements, significant cost savings, quick project turnaround times, and total control over planning and budgeting. Essentially, Orion guarantees that your network is keeping up with the exact pace of emerging technology.

### What is FOCUS™ ?

FOCUS™ is a framework developed to integrate high speed data network, providing mobility, security and inter-operability of IP convergence devices managed and operated on a single Fiber Optic Communication Unified System. The system exceeds by far today's expectations and sets future standards in terms of data speed, Quality of Service and manageability of the whole building ICT infrastructure.

### The 4 Layer Framework approach

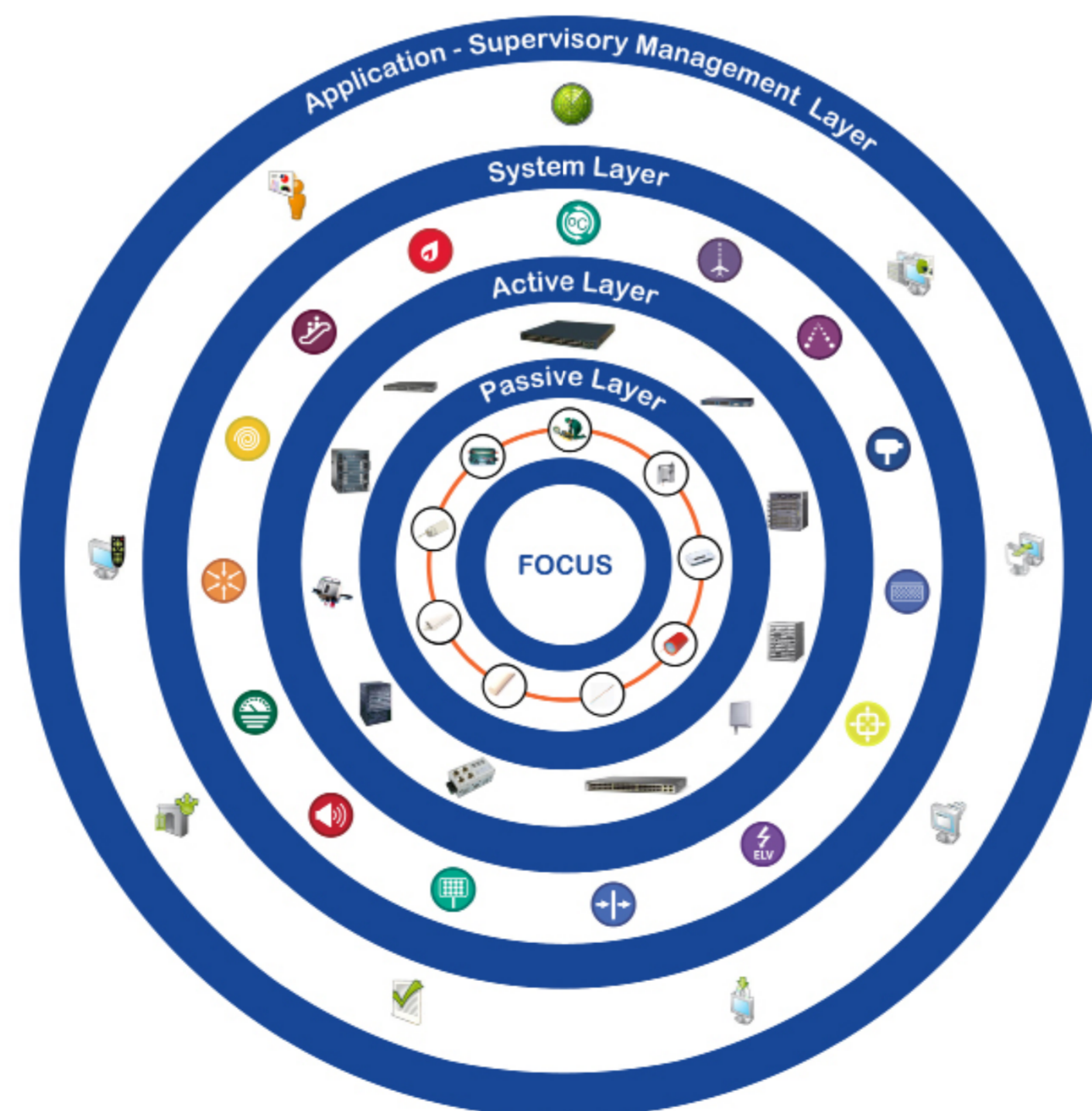
- **Passive Layer** is the redundant Fiber Optic Infrastructure, based on Fibre Flow air blown technology provided to present the latest future proof fiber optics technology available on the market ;
- **Active layer** comprises a selected design of Core, Edge and Industrial ethernet switches utilized to sustain high speed data traffic, redundancy and security required in buildings today ;
- **System Layer** is the integration by design of devices adopted to integrate all systems, such as Information Communication and Entertainment (ICE) and Integrated Business Management System (IBMS);
- **Application and Supervisory Management Layer** is the application suite that monitors and manages intelligently the network. The IBMS provides integrated framework for all systems and is a consistent data source for the efficient running of the SMART building.

### An integrated approach is the key

The system is made up of a combination of devices based on IP Ethernet, which are seamlessly integrated on a Unified Redundant Fiber Optic infrastructure. All the traffic generated by these devices is easily fulfilled and Quality of Service is safeguarded. The Network Administration Management Suite will monitor the performance and manage the system and ensures that the user experience is not degraded.

### Future Proof Technology

The combination of flexibility and future proof technology not only supports the network requirements of the diverse community of users but can also generate additional revenue for the operators. Many operators have already identified for themselves the value of a well-constructed network infrastructure as an investment in future competitiveness and autonomy.



### Passive Layer Benefits

- Meet your bandwidth requirements in minutes
- Future proof concept " fiber on demand "
- Increase reliability
- Easy to maintain
- Optimized network security
- Save 70% for first fix and mechanical construction

### Active Layer Benefits

- High bandwidth per user or device
- Fully redundant with fallback capability
- No distance limitations
- Energy efficient - no cooling required
- No proprietary protocols or devices
- Scalable Modular Solution

### System Layer Benefits

- Single Infrastructure serving all systems
- Fully integrated system
- Less resources required to maintain
- Risk reduction with system modifications
- Improve compliance
- Scalable for new technologies

### Application and Management Layer Benefits

- Full network management without any limitations
- One management integrated platform
- Real time data reporting
- Easy-to-use web based user interface

### Overall Benefits

- Cost effective solution-guaranteed short RoI
- Reduce Capex and opex
- Open system architecture
- Ease of upgradability
- Meets stringent building security rules
- Positive impact on LEED credits
- Revenue Generation by selling of auxiliary services

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