

Axcen Photonics Corp.
創威光電股份有限公司

2025 Q3 Investor Conference

TPEx Code : 6530

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Agenda

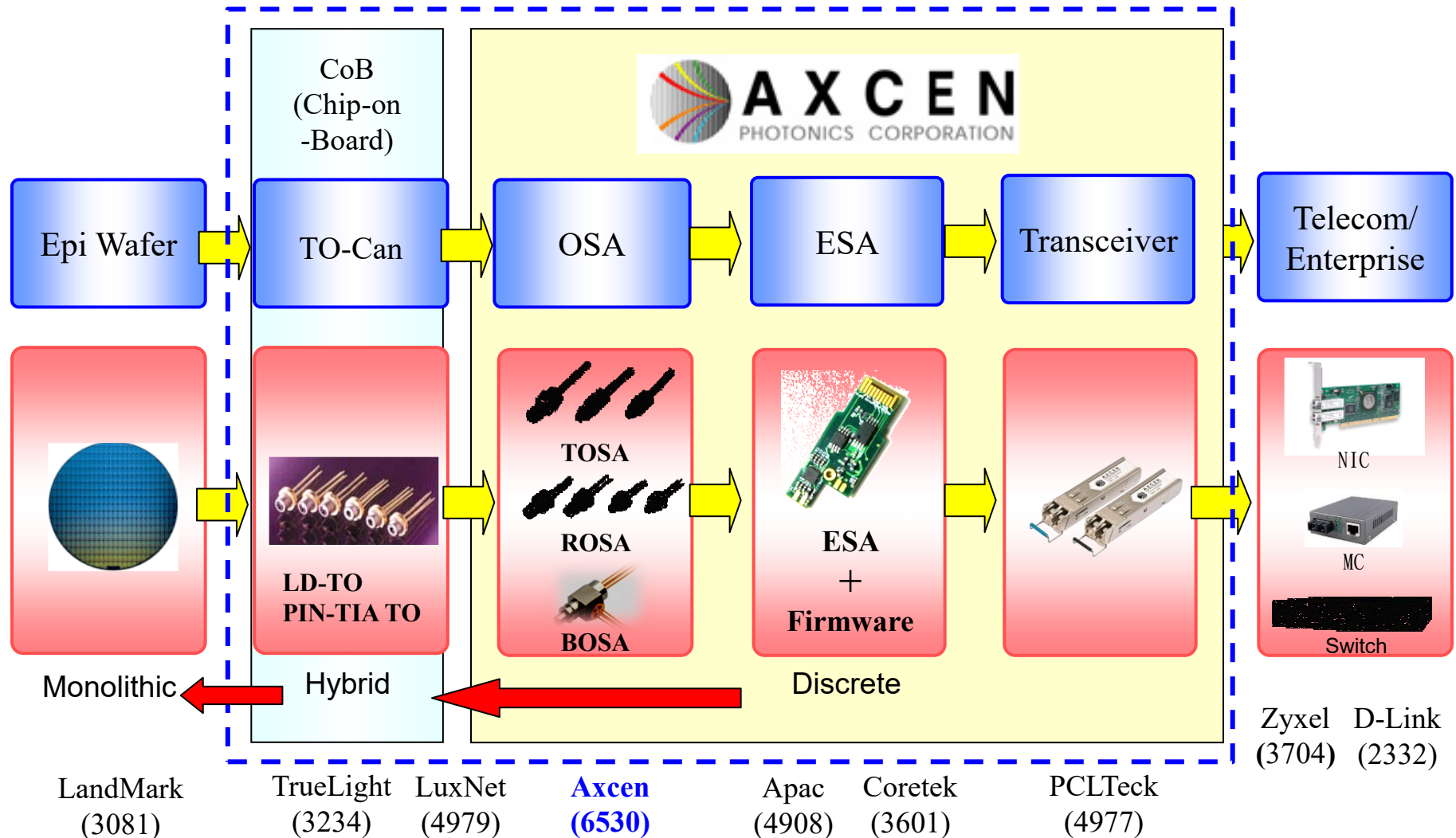
- I. Company Introduction
- II. Industry Overview
- III. Our Products
- IV. Business Performance
- V. Prospect

I. Company Introduction

- Founded Date : April 15th, 2002
- Paid-in Capital : NT\$ 337,500,000
- Number of Employees : 73 (as of September 30th, 2025)
- Chairman & CEO : Vincent Chen
- Main Products : Optical Transceivers & Sub-Assemblings
- Location : 6F No. 119 Baozhong Road, Xindian District New Taipei City
- Listing Date : January 23rd, 2018



II. Industry Overview-Supply Chain



II. Industry Overview– Global Optical Transceiver Market

Research institutions	Size of Base year (US\$ Billion)	Estimated end year	Estimated size (US\$ Billion)	CAGR
SNS Insider	\$8.75 (2022)	2030	\$27.33	15.3% (2023-2030)
Mordor Intelligence	\$13.57 (2025)	2030	\$25.74	13.66% (2025-2030)
Strategic Market Research	\$10.4 (2024)	2030	\$21.8	12.9% (2024-2030)
The Insight Partners	N/A	2031	\$36.73	14.2%
Bizwit Research	N/A	2030	\$32.97	17.0%
LightCounting	N/A	N/A	N/A	22%

1. AI Tsunami Effect

- **Strong Demand:** Robust demand for Ethernet Optical Transceivers used in AI Clusters.
- **High CAGR:** Projected 22% CAGR over the next five years (Source: LightCounting, etc.), significantly exceeding historical growth rates.

2. Market Size Outlook

- **Global Optical Transceiver Module Market size is forecast to reach \$21.8B to \$33B by 2030.**

3. Primary Growth Engines

- **Data Centers (Dominant Market)**
 - Accounts for the largest application market (Approx. 61% share).
 - Driven by: Cloud Computing, AI/ML, and Hyperscale Data Center Expansion.
- **5G Deployment**
 - Demand from the Telecom Market for high-speed data transmission.
 - Crucial for fronthaul and backhaul networks.

III. Our Products-Main Classification

Pluggable



SFP28



SFP+



CSFP



SFP



BIDI SFP



Copper SFP

Fixed



1X9



BIDI 1X9



GEAPON



2X5 SFF



BoB Pigtail



BoB Receptacle

Optical Transceiver

Optical Sub-Assembling

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IV. Business Performance-Recent Financial Result

In NT\$ thousands

Item	2022	2023	YOY%	2024	YOY%	2025Q3	YOY%
Operating Revenue	274,207	251,831	-8.16%	280,934	11.56%	245,593	18.97%
Gross Margin	44.67%	42.86%		43.22%		45.98%	
Operating Income	60,738	48,328	-20.43%	60,520	25.23%	59,703	35.92%
Income before Tax	53,776	42,218	-21.49%	55,396	31.21%	47,254	20.38%
Basic EPS (NT\$)	1.59	1.25		1.64		1.40	

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V. Prospect-Manufacturing Technology

Discrete

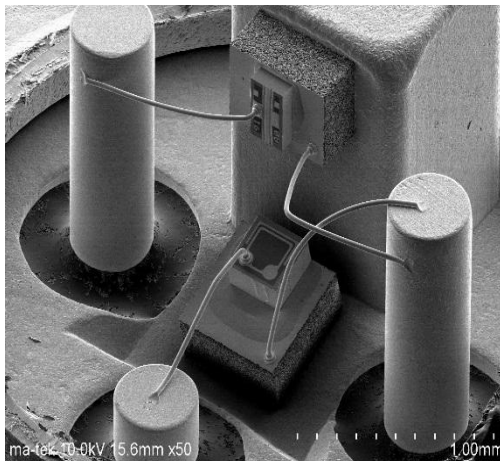


Hybrid

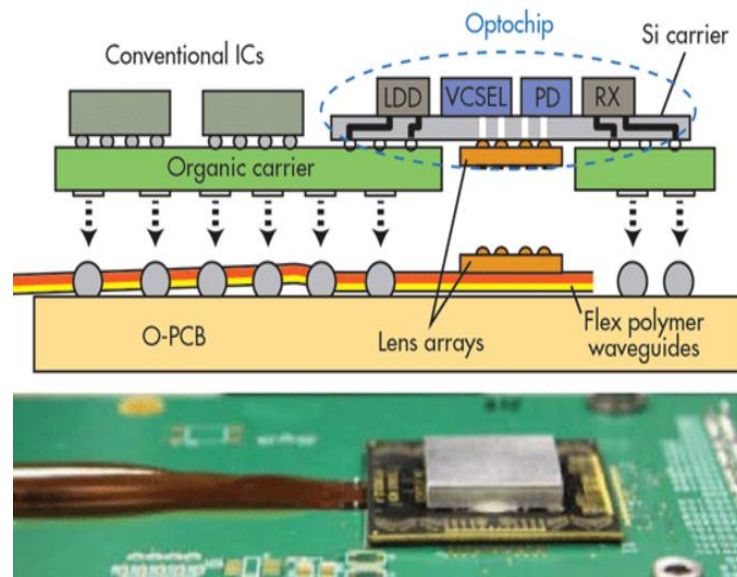


Monolithic

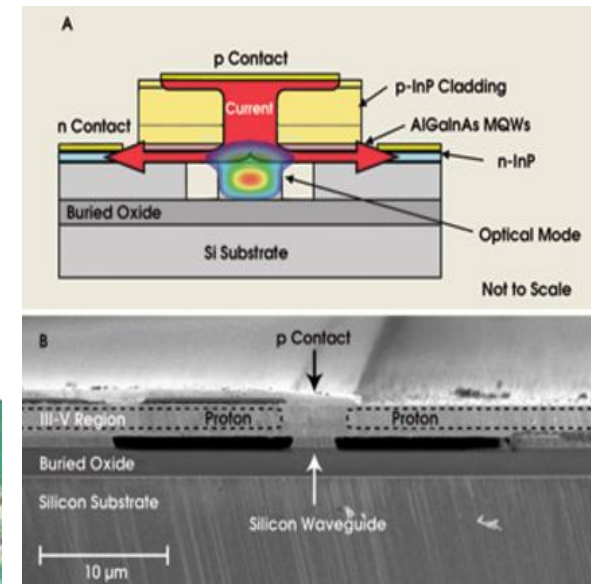
CoB (Chip-on-Board) or CoS (Chip-on-Substrate)



Chip-on-Header



Chip-on-PCB

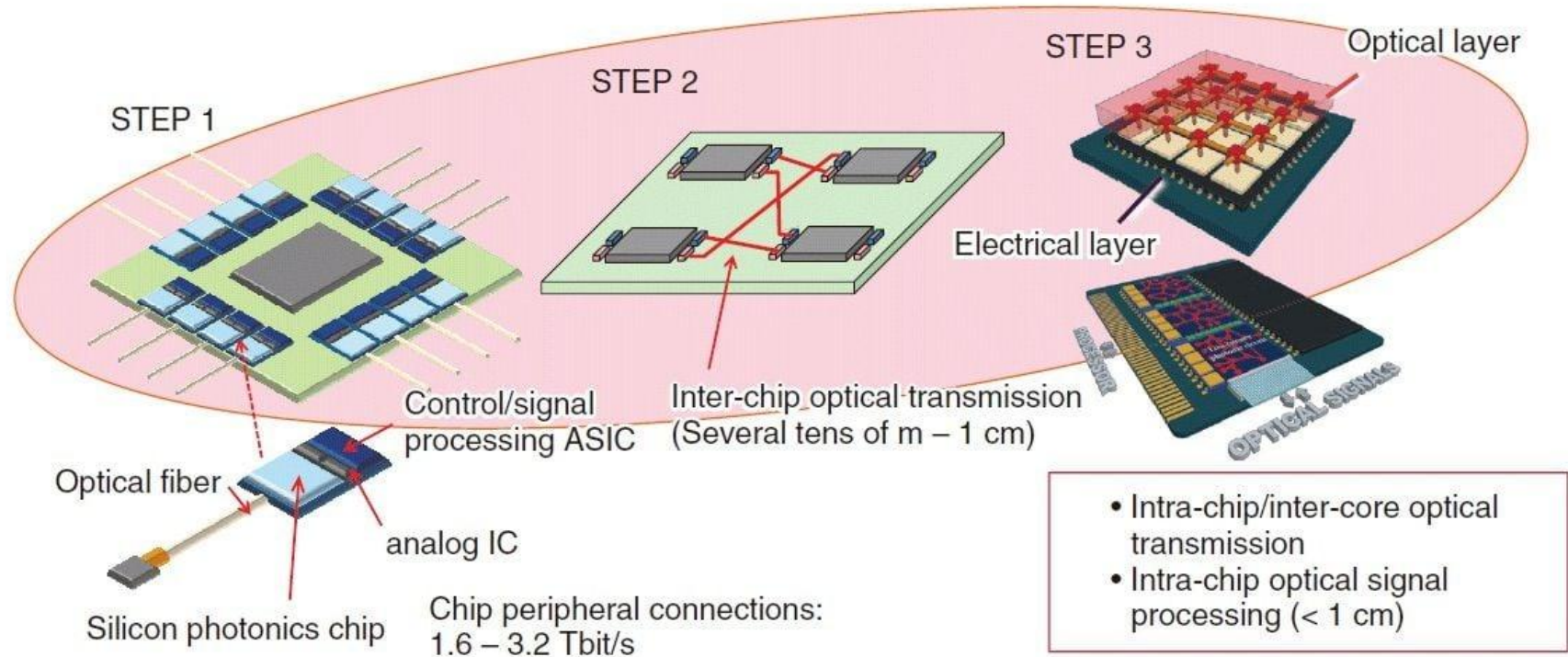


Chip-on-Silicon
(Si-Photonics)

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V. Prospect-Product Development

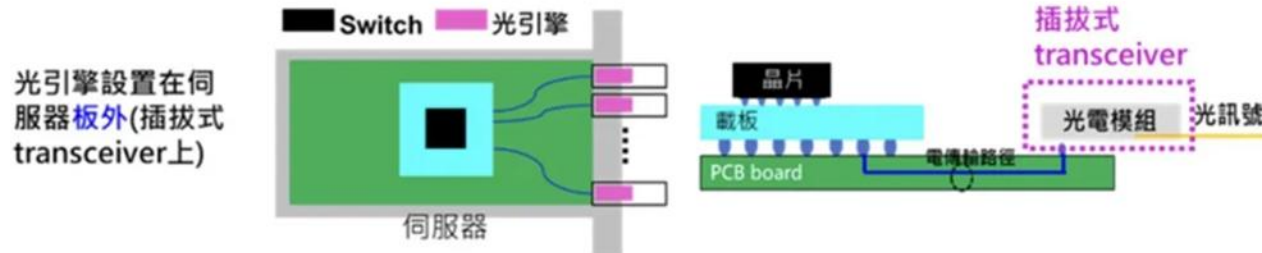


ASIC: application specific integrated circuit

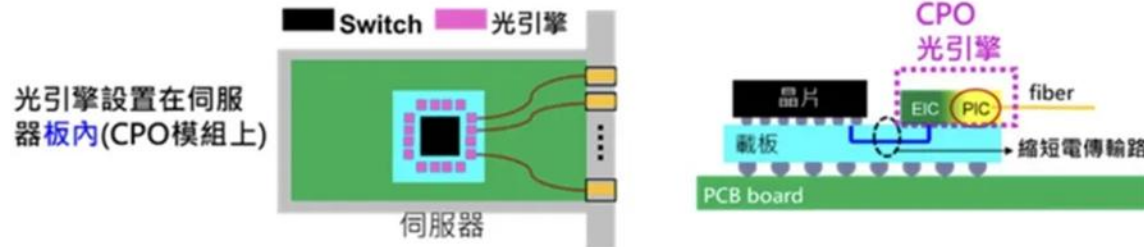
(Source : NTT Technical Review)

VI. Prospect-Manufacturing Technology

(a) 插拔式光收發模組 (Transceiver) 架構

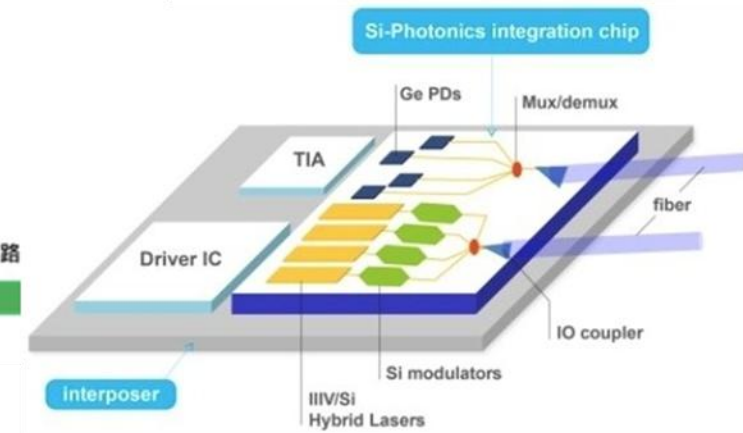


(b) 共封裝光學模組(CPO)架構



Axcen vs. SiPH

- ✓ Optical Coupling Design
- ✓ Optical Mux/DeMux Design
- ✓ CPO 共同封裝



(Source : ITRI)

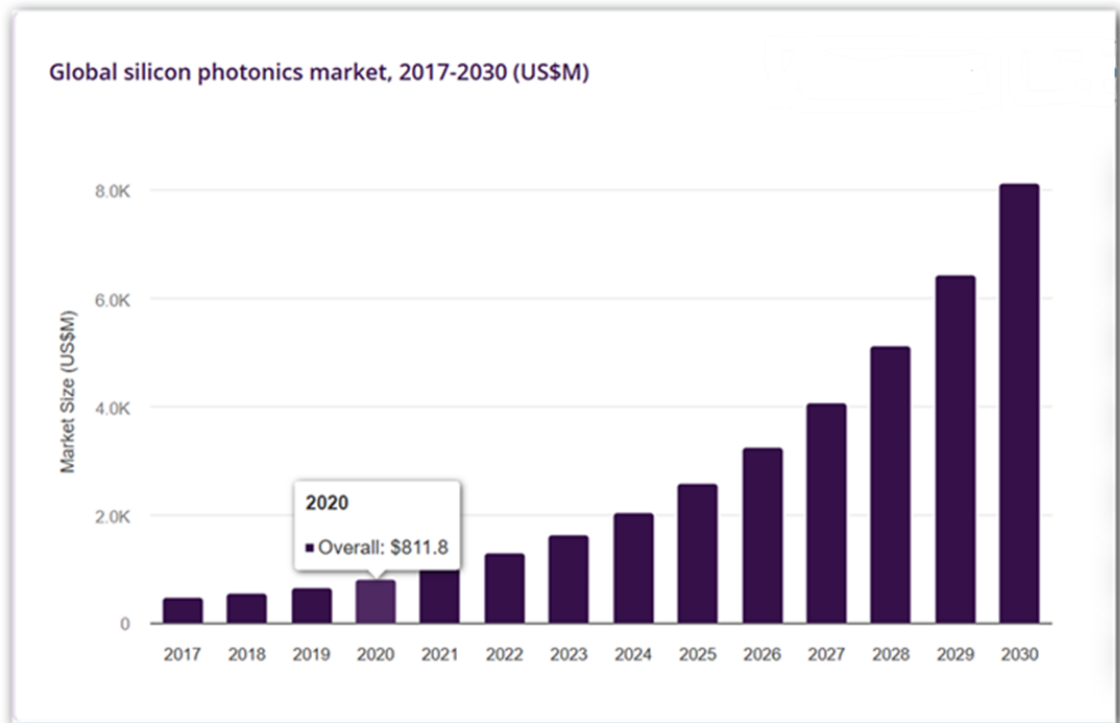
V. Prospect-Product Application

Main applications of silicon photonics

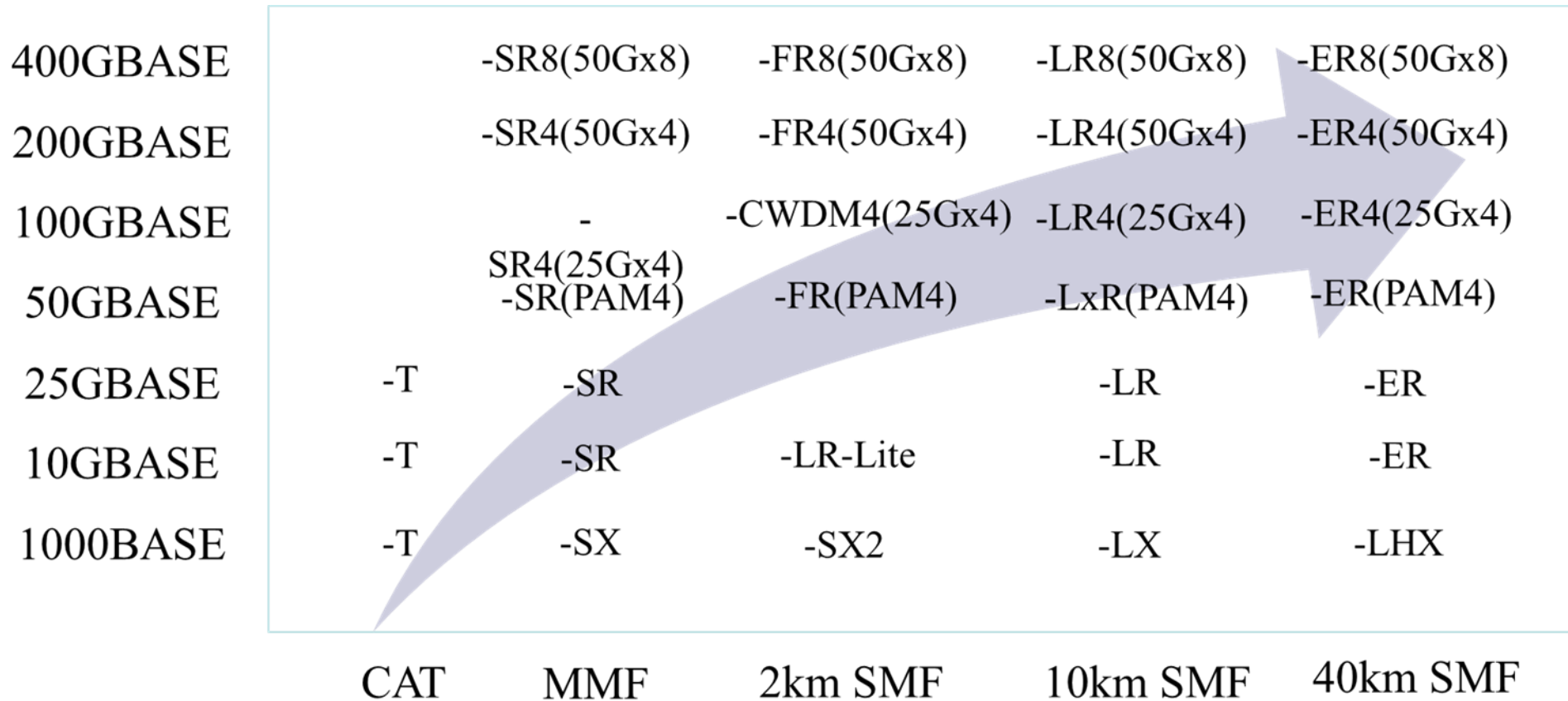
- Communication
- Cloud computing
- AR/VR
- Optical sensing
- Biomedicine
- Quantum computing
- Quantum communication
- LiDAR (Laser Detection and Ranging)

2017~2030 Estimated market size of silicon photonic modules

(Source : Grand View Research, Inc)



V. Prospect-Product Roadmap



Product Roadmap :

Higher Data-rate, More Compact

SFP/
SFP+/
SFP28/
QSFP28



- 1G SFP BiDi
- DDM



- 1G SFP
- DDM



- 1G CSFP (option2)
- DDM



- 1G copper SFP
- SerDes / SGMII



- 10G SFP+
- Long Reach



- 25G SFP28
- Long Reach



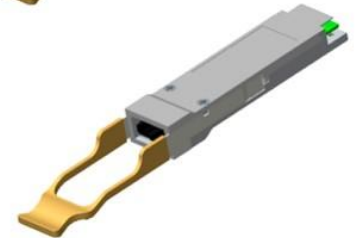
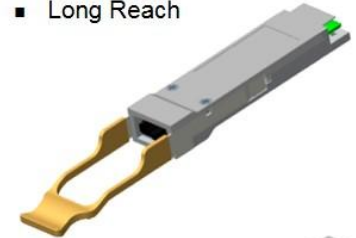
- 10G SFP+
- Short Reach



- 25G SFP28
- Short Reach



- 50G SFP56
- Long Reach



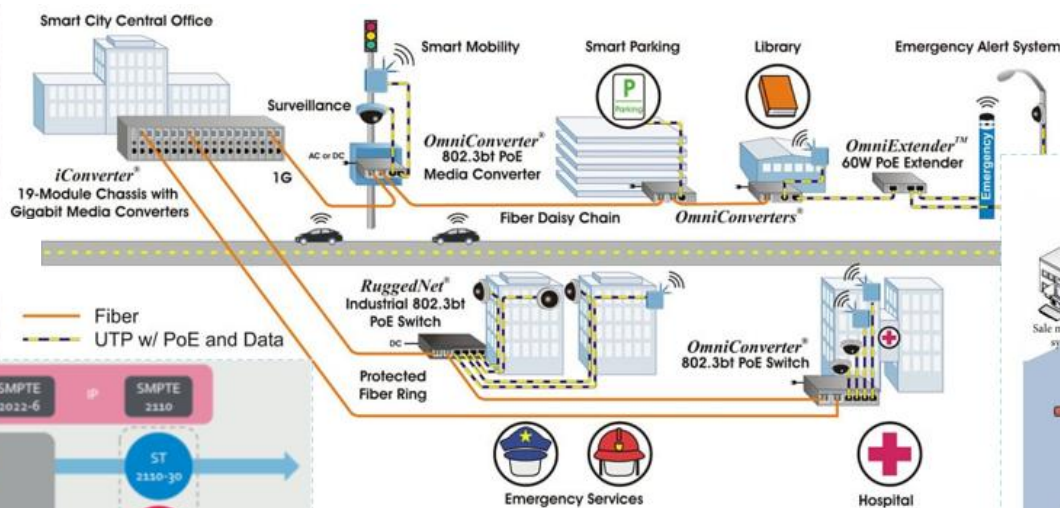
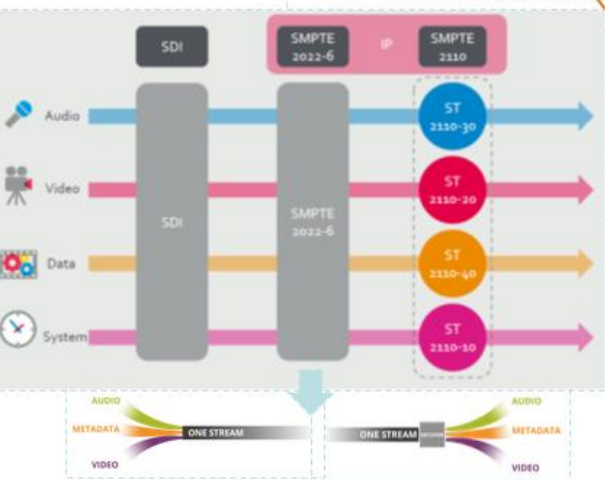
- 50G SFP26
- Short Reach

Available

Product Roadmap - Application :

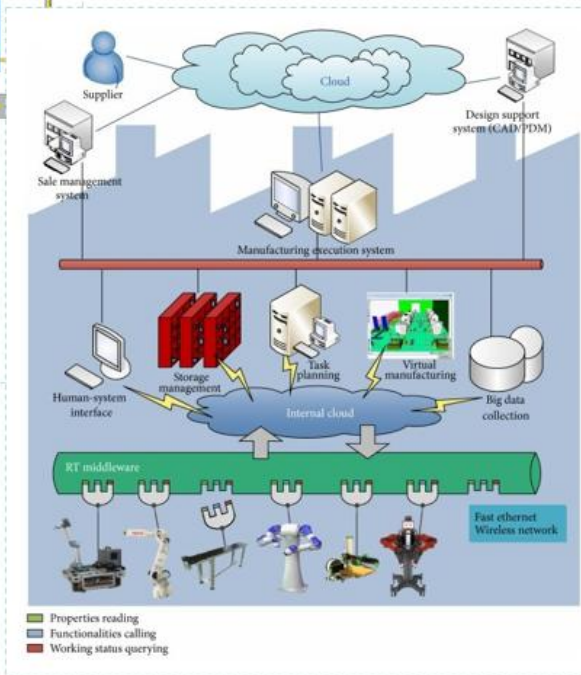
(Video & Audio, Factory Automation, Intelligent Transportation System, etc.)

Video & Audio
3G → 12G → 25G



Intelligent Transportation System

Factory Automation





Q & A

