

About CoAsia

25 years of long history in semiconductor
design solution business partner



Group History

1997

Established CoAsia Electronics in Taiwan

2003

Launched System Solution Business

2012

Selected as official distribution Channels for Samsung Display

2016

Selected as the official Samsung Foundry agent

2020

Officially selected as the Samsung Foundry DSP

Officially selected as the AADP

Founded an investment company, C&CI Partners

1999

Launched SoC Solution Service Business (ASIC, Foundry)

2004

Officially selected as the Mobile Solution Partner of Samsung Electronics

2014

Expanded distribution channels to Southeast Asian countries

2019

Established design centers in 5 countries worldwide
Officially selected as the Samsung Foundry VDP

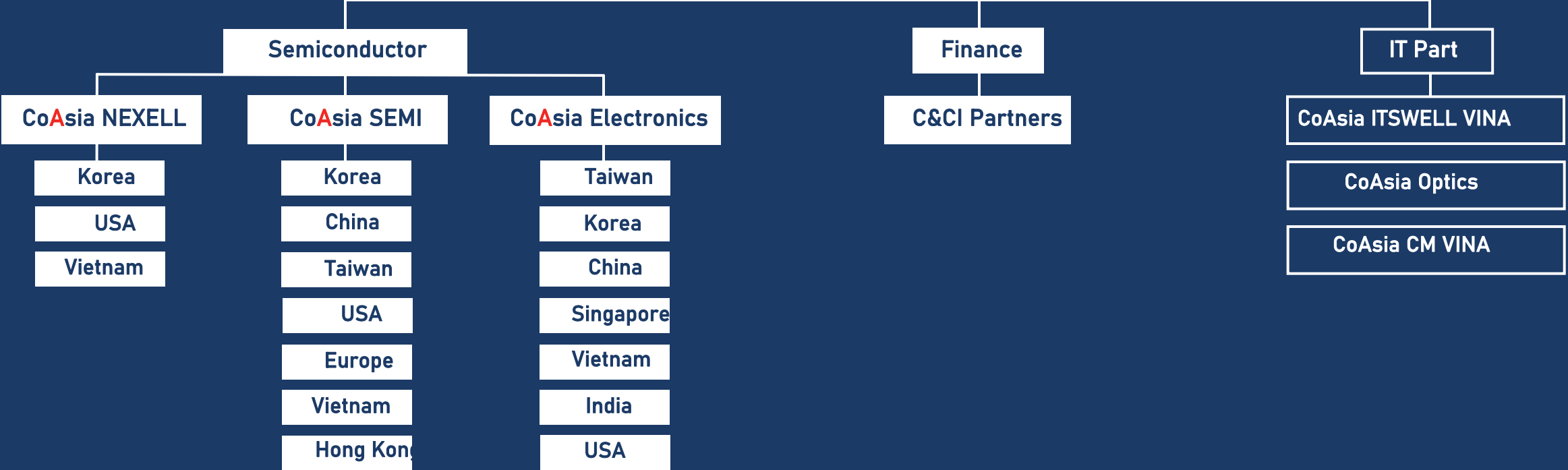
2021

Working on 5nm Automotive IVI Project

Group Chart

Number of Employees : Approximately 5,000

Volume of Sales : Approximately 1.5 trillion won



Business Areas

C&CI Partners



Investment

CoAsia NEXELL



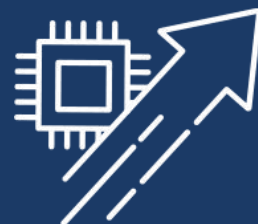
SoC Design
Solution

CoAsia SEMI



Foundry Design
Solution

CoAsia Electronics



Global Sales & SCM

CoAsia
Optics



Optical Lens

CoAsia
ITSWELL

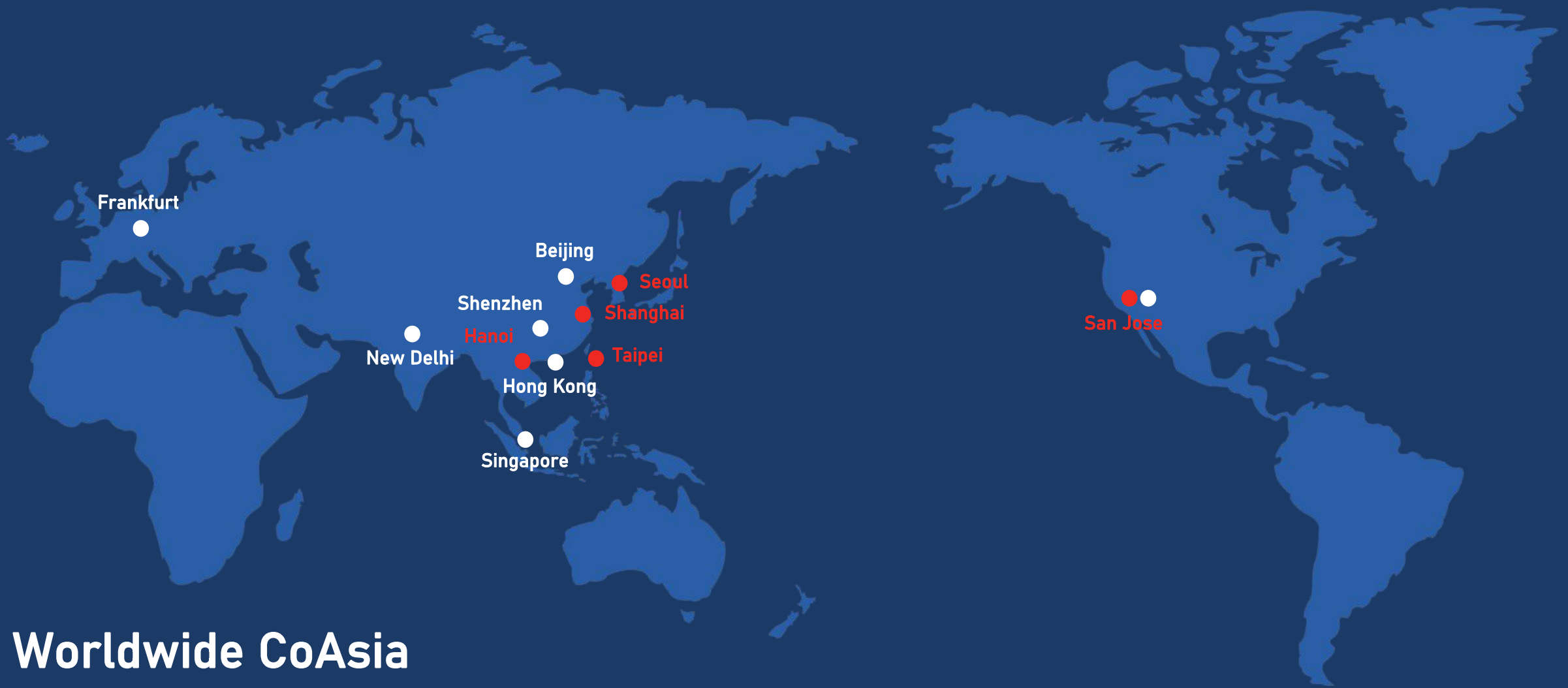


LED

CoAsia
CM VINA



Camera
Module



Worldwide CoAsia

CoAsia has design centers and sales & FAE supporting teams in various countries to provide the closest support

Global Design Center
Sales & FAE Supporting team





Why CoAsia is **Special**

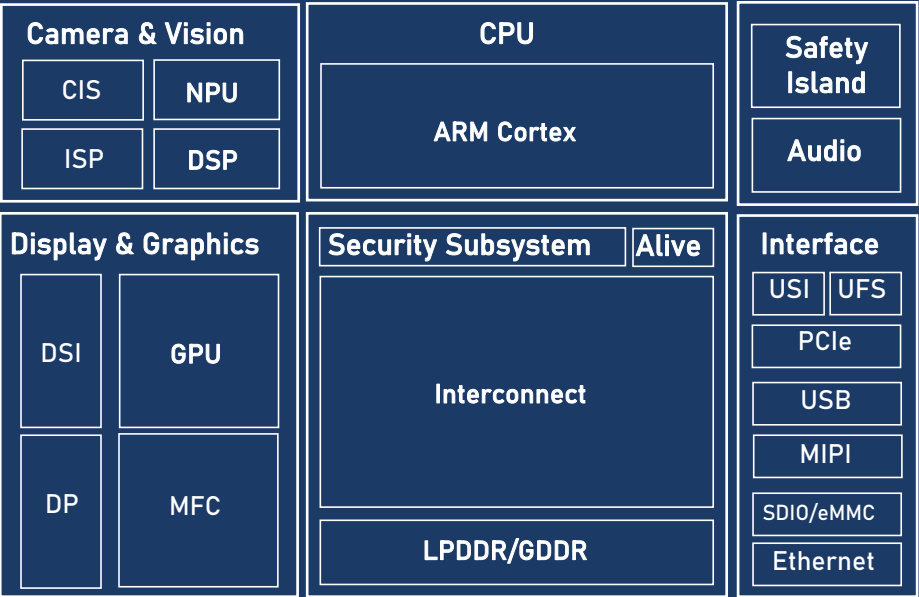
CoAsia has design capabilities of
automotive SoC with ISO26262 processes

CoAsia has references of developing
SoC that require to handle 5nm technology

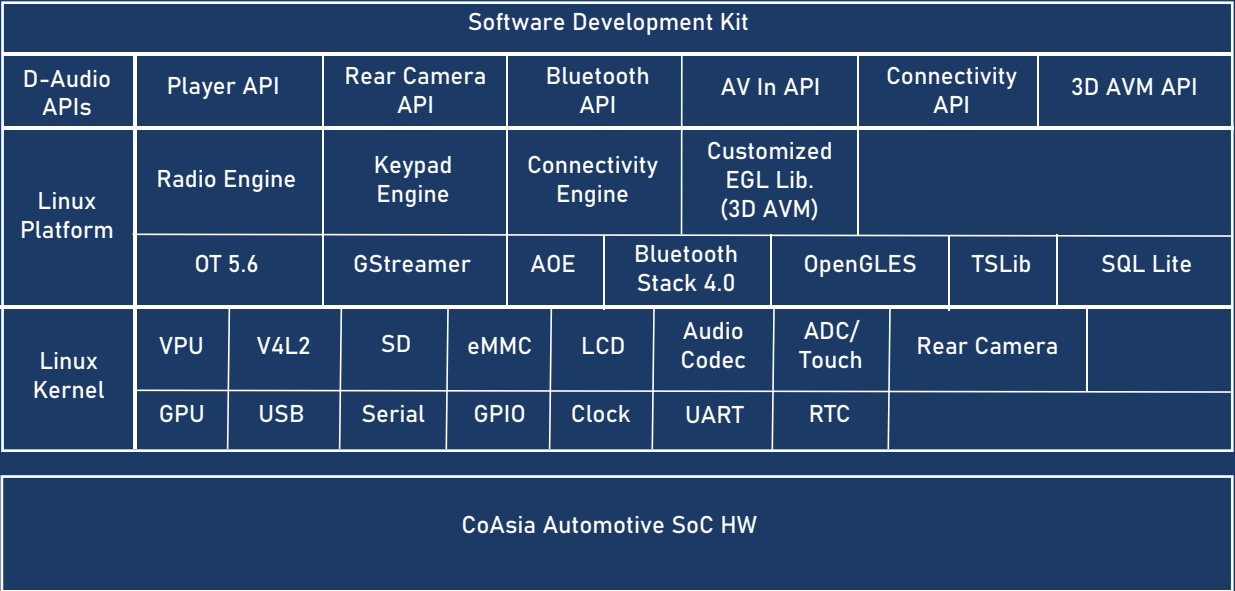
Automotive SoC Development Capabilities



Autonomous driving SoC Design

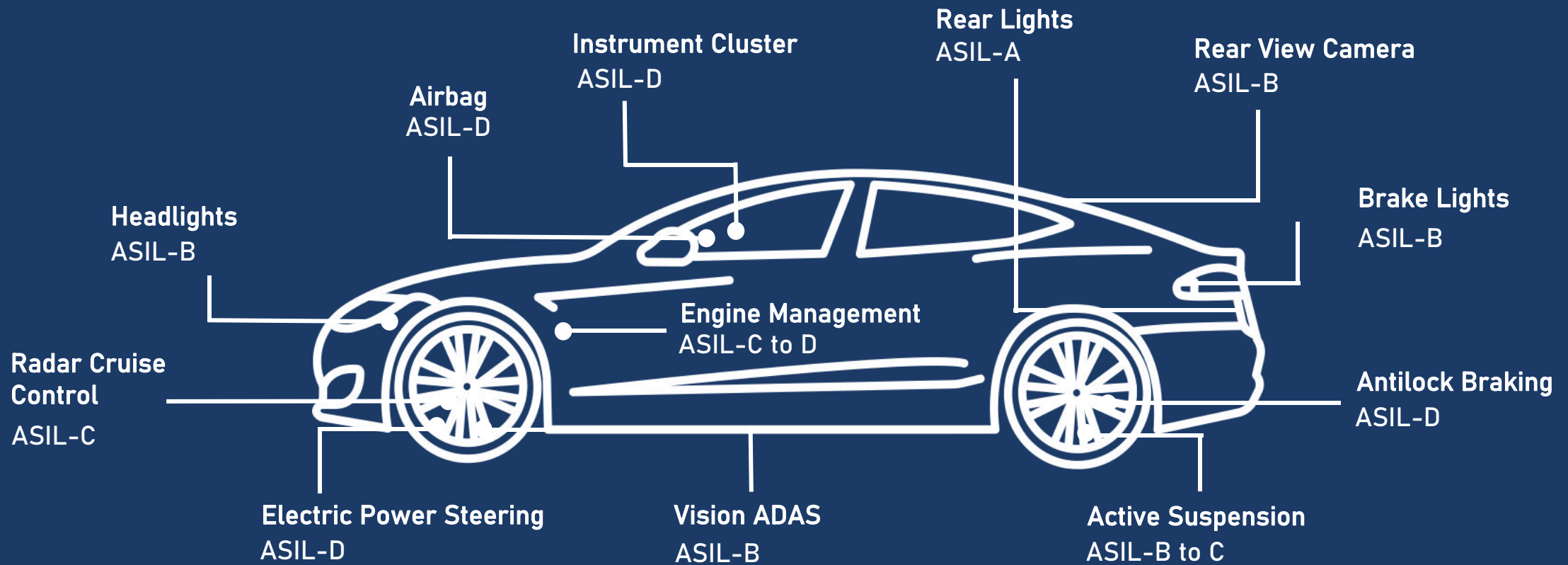


Automotive SW Platform



Solution Capabilities for Automotive Safety Issue

CoAsia is able to design automotive SoC with ISO26262 processes which meet the requirements of ASIL B-D



References of SoC Development for Automotive



Qualified to design global automotive SoC

CoAsia has successful references of developing 7nm/14nm ADAS Chips for a **worldwide top EV customer**

CoAsia has been working of developing 5nm ADAS and IVI SoC with other top tier automotive partners

Application	Foundry	Customer	Process
Autonomous Driving	Samsung	A Company (USA)	7nm
Autonomous Driving		A Company (USA)	14nm
IVI / ADAS		B Company (Korea)	5nm
ADAS		C Company (Korea)	5nm

CoAsia is Specialized in Advanced Design Technologies



Surveillance
Camera

5nm

45nm

65nm



Automotive –
IVI, Autopilot, ADAS

5nm

14nm



Cryptocurrency

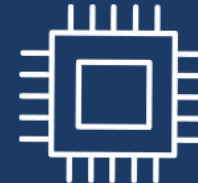
8nm

11nm



IoT

28nm



8K TCON

14nm



General AP –
Tablet PC, Industrial

28nm

65nm

Core Technology – In house IP Portfolio

GPU	VR410	Silicon Proven
	VR640	
	VR641	FPGA Proven
NPU	GPU- based DL SDK	SW IP
	XELL	
	NCU	FPGA Proven
Memory Controller	NAND ECC	Silicon Proven
	Static Memory	
System	Timer/WDT	
	Interrupt Controller	
	DMA Controller	
	RTC	
	Power Management	

Multimedia	High Perf. 2DG Accel	Silicon Proven
	Video Post Processor	
	Scaler	
	Deinterlacer	
Display	Color Space Converter	
	HDMI Display Controller	
	LVDS Display Controller	
	eDP Display Controller	
Video In I/F	TFT-LCD Controller	
	Video Input Controller	
Comm.	I2C	
	SPI	
	UART	

Peri.	MPEG-TS Parser	Silicon Proven
	MPEG-TS I/F	
	SPDIF Px/Tx	
	Secure JTAG	
	Crypto	
	I2S	
	AC97	
	PPM	
	PWM	

Patents	101136737	101582578	1020160030727	PCT/KR2014/000567	US20130265298 A1
	101476789	101811774	PCT/KR2013/006593	PCT/KR2015/004042	US 15/198,707

Certified Design Capabilities

DSP

Design Solution Partner
Official Partner of Samsung Foundry



AADP

ARM Approved Design Partner
Turnkey SoC Design Partner



Total Solution Provider !

CoAsia leads a new business paradigm

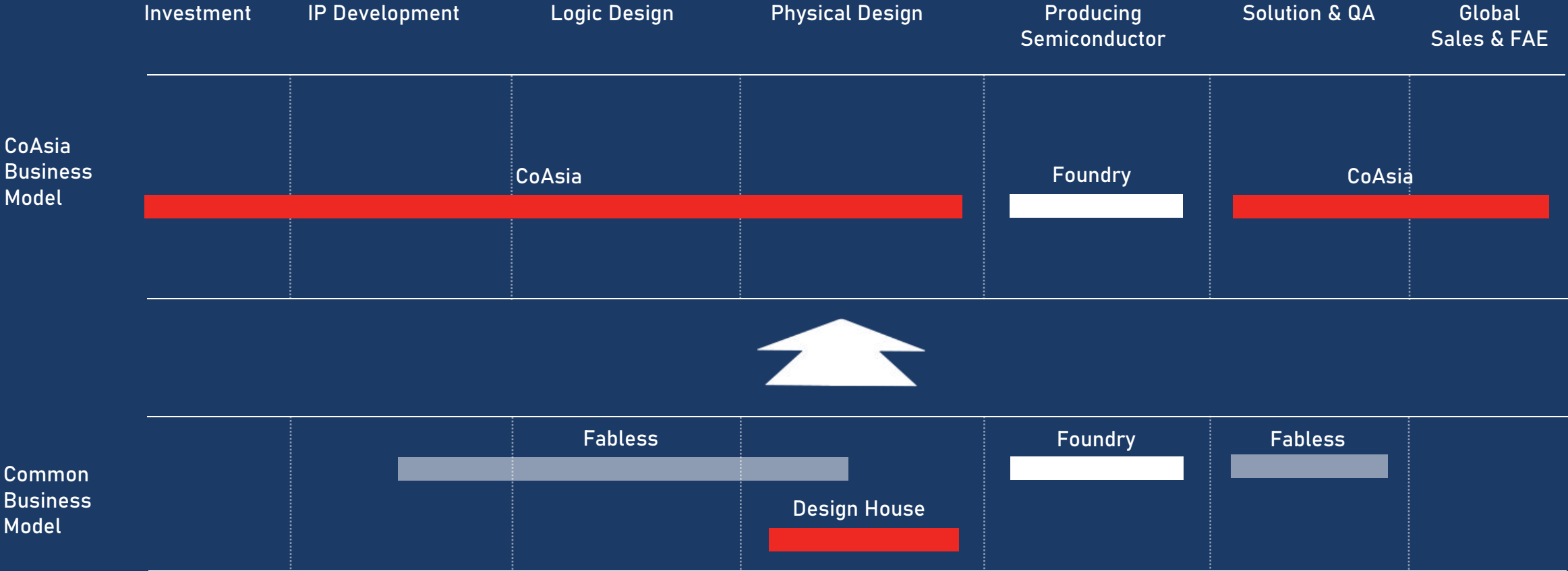
Business scope of CoAsia is wider than other companies in the same field

Part of CoAsia operates as an investment Company to support customers achieve their goals



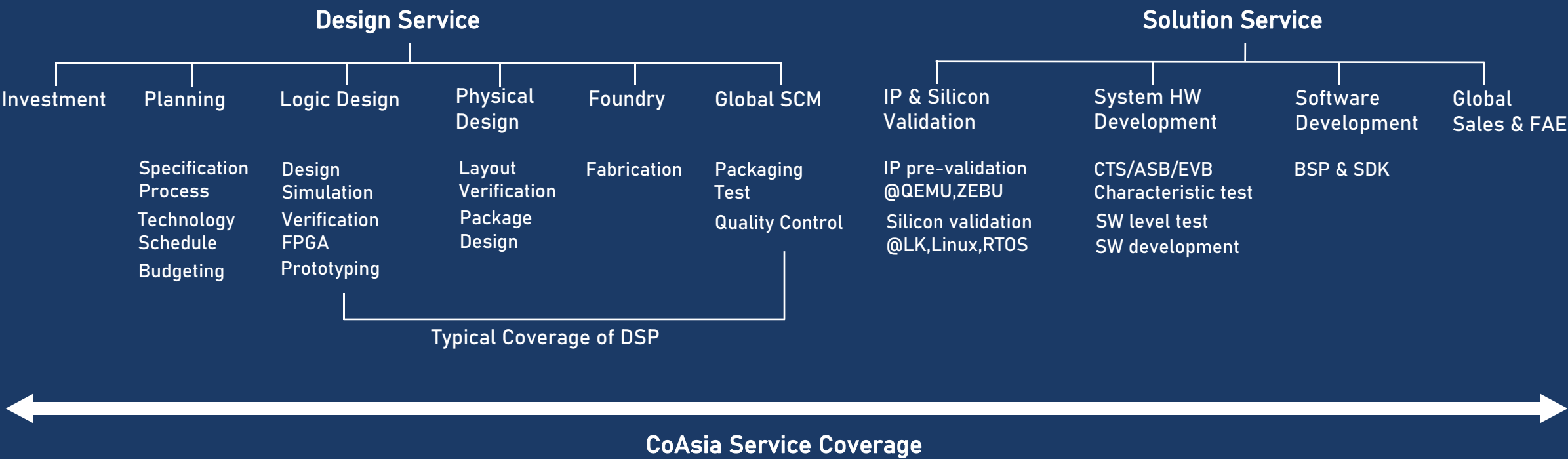
CoAsia Leads a New Business Paradigm

We have the ability to cover all the customers' technical needs



Global Total Solution Provider

One Idea can trigger us to provide a one-stop total solution from investment to global sales of products



Beyond Expectation, CoAsia

Investing in Customer Success

C&CI Partners is an investment company specializing in semiconductor-related fields

We offer our partners financial, business, and moral support so that they can be innovative entrepreneurs

