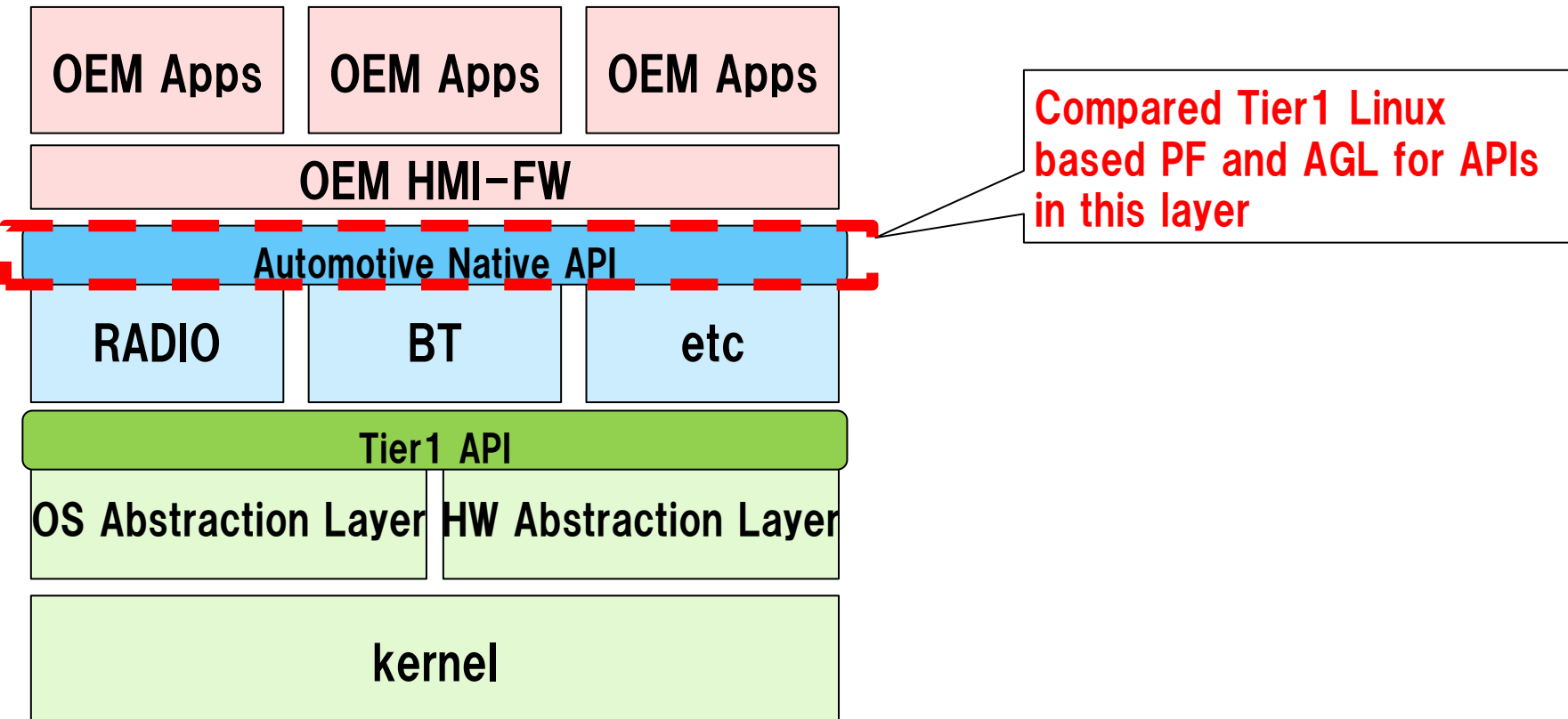# AGL API Gap analysis Tier1 Linux based PF vs AGL (GG)

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API gap analysis scope

- ➢ Perform comparison on API of Function middle layer in layer lower than HMI-FW
- ➢ Exclude the module which needs NDA(CarPlay, etc)

OEM Apps	OEM Apps	OEM Apps

OEM HMI-FW

Automotive Native API

Compared Tier1 Linux based PF and AGL for APIs in this layer

RADIO	BT	etc

Tier1 API

OS Abstraction Layer	HW Abstraction Layer

kernel

DENSO TEN

No	Function middle	AGL	Tier1	Note
1	RADIO	12	148	
2	Bluetooth	24	315	
3	Media Player	16	110	
4	DVD Player	0	81	
5	CD Player	0	50	
6	DTV Tuner	0	97	
7	Voice Recognition	3	80	
	Total	55	881	

DENSO TEN

No	Function middle	AGL	Tier1	Note
1	RADIO BASE	12	17	Mode On/Off, Tune, Seek
2	FM/AM	0	11	
3	HD	0	10	
4	RDS	0	23	
5	RDS-TMC	0	11	
6	DAB	0	30	
7	XM	0	20	
8	Cache Radio	0	18	
9	VICS	0	8	
	Total	12	148	

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> We provide Tier1 API specifications and Fuego based API test framework to AGL as samples

> Collaboration with the AGL Requirement Specification EG and CIAT EG