

PATENT POOL MEMBERSHIP

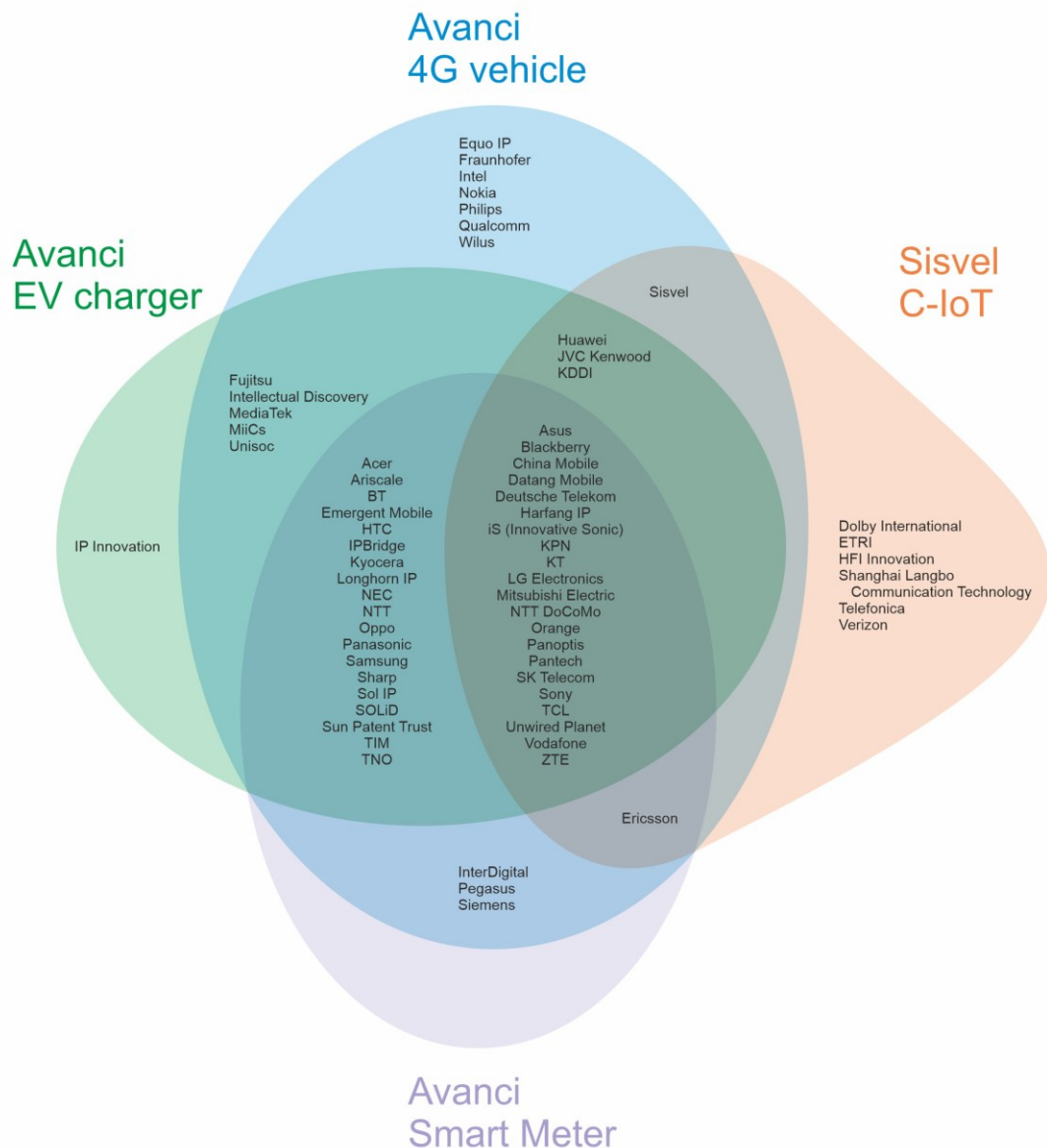
**Current state of memberships of licensing
initiatives for connected vehicles
and cellular IoT**

April 2025

Current State of Patent Pool membership

Table 1: Patent licensing initiatives and associated number of licensors (April 2025)

	Number of licensors
Avanci 5G Vehicle	73
Avanci 4G Vehicle	60
Avanci EV Charger	49
Avanci Smart Meter	44
Sisvel C-IoT	32



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Figure 1: Overlap of various 4G activities

Table 2: Leading cellular patent licensing initiatives for connected vehicle and IoT solutions (April 2025)

Company	Avanci 5G Vehicle	Avanci 4G Vehicle	Avanci EV Charger	Avanci Smart Meter	Sisvel C-IoT
5G IP Holdings	✓				
Acer	✓	✓	✓	✓	
Ariscale	✓	✓	✓	✓	
Asus	✓	✓	✓	✓	✓
Blackberry	✓	✓	✓	✓	✓
BT	✓	✓	✓	✓	
China Mobile	✓	✓	✓	✓	✓
China Telecom	✓				
China Unicom	✓				
Coolpad	✓				
Crystal Clear Codec	✓				
Datang Mobile	✓	✓	✓	✓	✓
Deutsche Telekom	✓	✓	✓	✓	✓
Dolby International					✓
Emergent Mobile	✓	✓	✓	✓	
Equo IP	✓	✓			
Ericsson	✓	✓		✓	✓
ETRI					✓
Fraunhofer		✓			
Fujitsu	✓	✓	✓		
Harfang IP	✓	✓	✓	✓	✓
Hewlett Packard	✓				

HFI Innovation (affiliate of MediaTek)					✓
HTC		✓	✓	✓	
Huawei	✓	✓	✓		✓
Intel	✓	✓			
Intellectual Discovery	✓	✓	✓		
InterDigital	✓	✓		✓	
IP Innovation	✓		✓		
IPBridge	✓	✓	✓	✓	
IPCom	✓				
iS (Innovative Sonic)	✓	✓	✓	✓	✓
JVC Kenwood	✓	✓	✓		✓
KDDI	✓	✓	✓		✓
KPN	✓	✓	✓	✓	✓
KT	✓	✓	✓	✓	✓
Kyocera	✓	✓	✓	✓	
LG Electronics	✓	✓	✓	✓	✓
Longhorn IP	✓	✓	✓	✓	
MediaTek	✓	✓	✓		
MiiCs	✓	✓	✓		
Mitsubishi Electric	✓	✓	✓	✓	✓
NEC	✓	✓	✓	✓	
NERCDTV	✓				
New Radio	✓				
Nokia	✓	✓			

NTT	✓	✓	✓	✓	
NTT DoCoMo	✓	✓	✓	✓	✓
Ofinno	✓				
Oppo	✓	✓	✓	✓	
Orange	✓	✓	✓	✓	✓
Oswego	✓				
Panasonic	✓	✓	✓	✓	
Panoptis ¹	✓	✓	✓	✓	✓
Pantech	✓	✓	✓	✓	✓
Pegasus	✓	✓		✓	
Philips	✓	✓			
Qualcomm	✓	✓			
Samsung	✓	✓	✓	✓	
Shanghai Langbo Communication Technology					✓
Sharp	✓	✓	✓	✓	
Siemens	✓	✓		✓	
Sisvel	✓	✓			✓
SK Planet	✓				
SK Telecom	✓	✓	✓	✓	✓
Sol IP	✓	✓	✓	✓	
SOLiD	✓	✓	✓	✓	
Sony	✓	✓	✓	✓	✓
Sun Patent Trust	✓	✓	✓	✓	

TCL	✓	✓	✓	✓	✓
Telefonica					✓
TIM	✓	✓	✓	✓	
TNO	✓	✓	✓	✓	
Top Quality Telephony	✓				
Unisoc	✓	✓	✓		
Unwired Planet	✓	✓	✓	✓	✓
UUCOM	✓				
Verizon					✓
Vodafone	✓	✓	✓	✓	✓
Wilus	✓	✓			
ZTE	✓	✓	✓	✓	✓

Notes:

¹ Panoptis: Sisvel’s list of licensors includes Optis Cellular and Optis Wireless which are here listed under Panoptis

Data sources (Accessed 3 April 2025):

<https://www.avanci.com/vehicle/5gvehicle/>

<https://www.avanci.com/vehicle/4gvehicle/>

<https://www.avanci.com/iot/evcharger/>

<https://www.avanci.com/iot/smart-meter/>

<https://www.sisvel.com/licensing-programmes/iot/cellular-iot/#tab-patent-owners>

