



CAT-iq / DECT ULE in the Home Network OMA Workshop Abstract

The information in this presentation is public

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Board member and presenter



FULL Members 2012 (29)



ASSOCIATED Members 2012 (16)





WORLD

N. AMERICA

S. AMERICA

EUROPE

ASIA

AFRICA

AUSTRALIA



■ NO FREQUENCY-
BAND ALLOCATED

■ SHIFTED
FREQUENCY BAND

■ STANDARD
FREQUENCY BAND

■ FREQUENCY BAND
IN NEGOTIATION



- CAT-iq
- What is CAT-iq
- Market Size
- CAT-iq Profiles
- Certification
- Integrating ULE



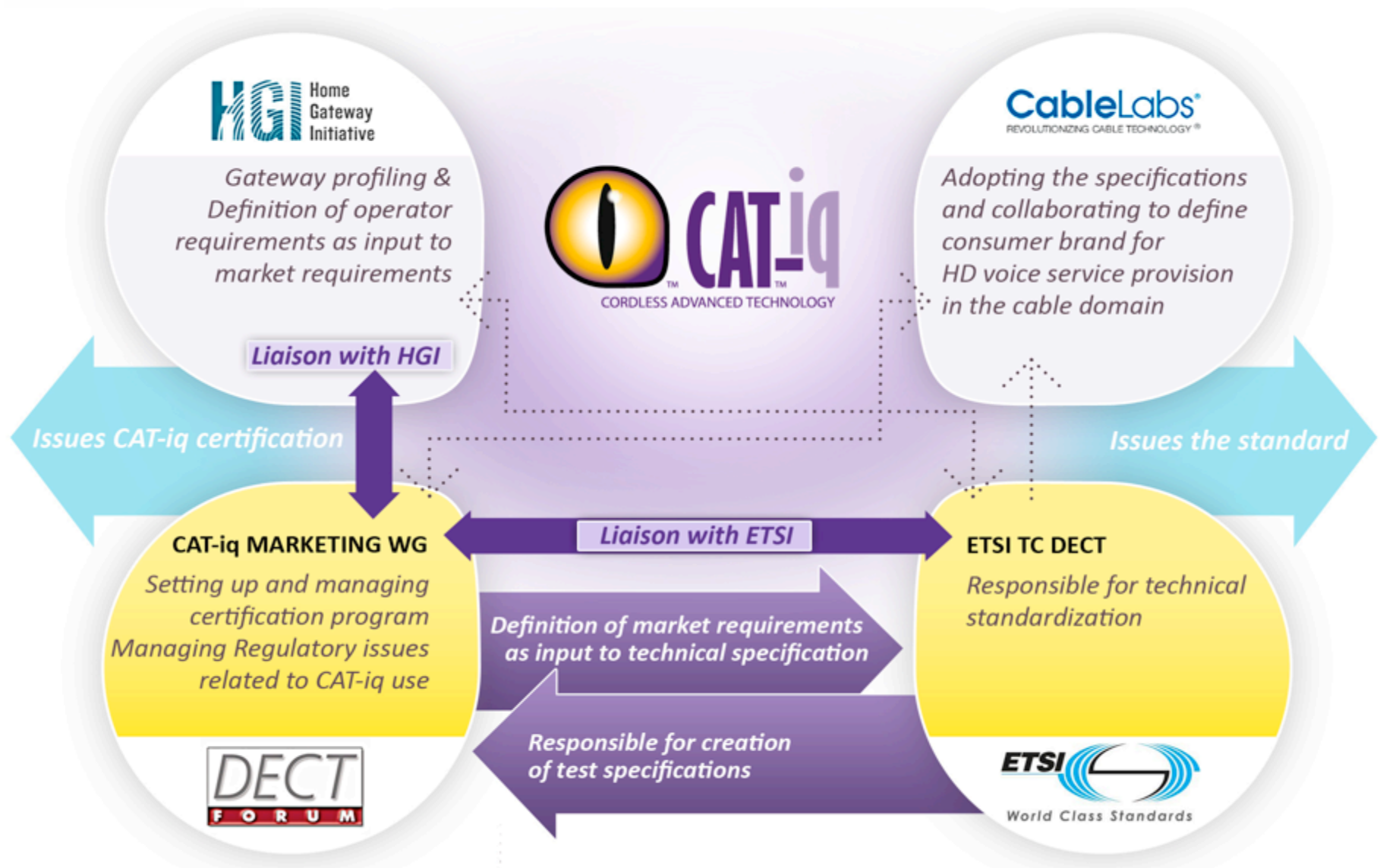
***CAT-iq is a registered Trademark in 47 countries
worldwide***

European Union: 25 countries

Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Great Britain, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden

Additional Applications: 22 countries

Australia, Belarus, Bosnia-Herzegovina, Bulgaria, Canada, China, Japan, Croatia, Liechtenstein, Macedonia, Monaco, Montenegro, Norway, Romania, Russia, Serbia, Switzerland, Singapore, South-Korea, Turkey, Ukraine, USA



Traditionally:

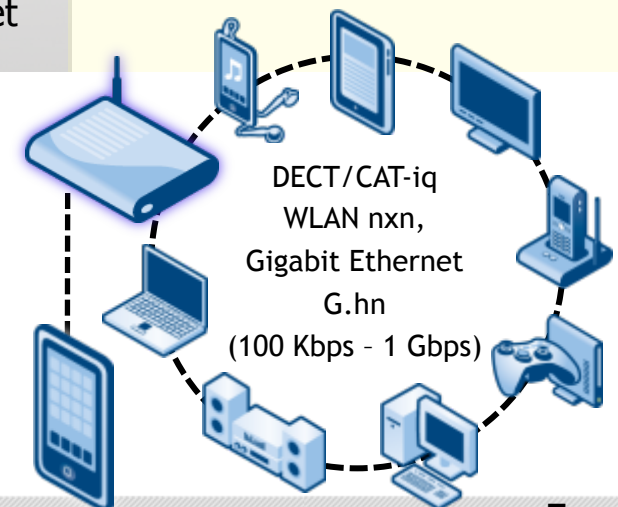
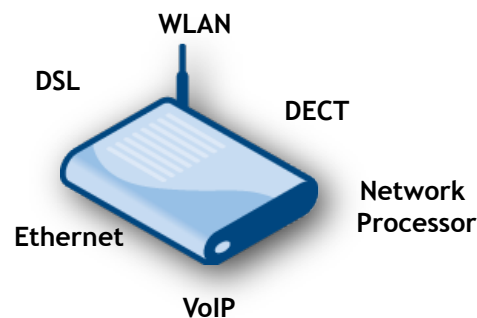
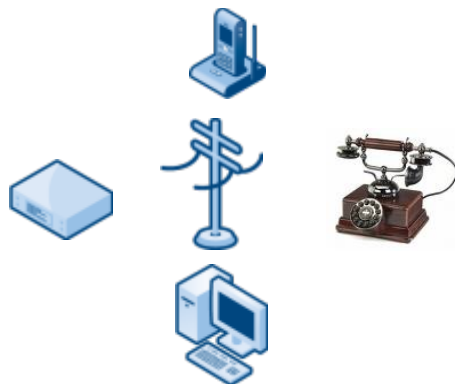
- Discrete
 - PSTN FXS
 - DECT
 - DATA
 - Carrier and Retail

Today

- Integration in GW and beyond
 - FXS
 - DECT
 - WLAN...
- Trends
 - VoIP adoption in DSL, PON, Cable, LTE, Tablet
 - Corded to Cordless
 - 2 FXS to 1 FXS
 - Cordless replaces FXS
 - Cost Parity DECT&FXS
 - De-Coupling Base&Handset

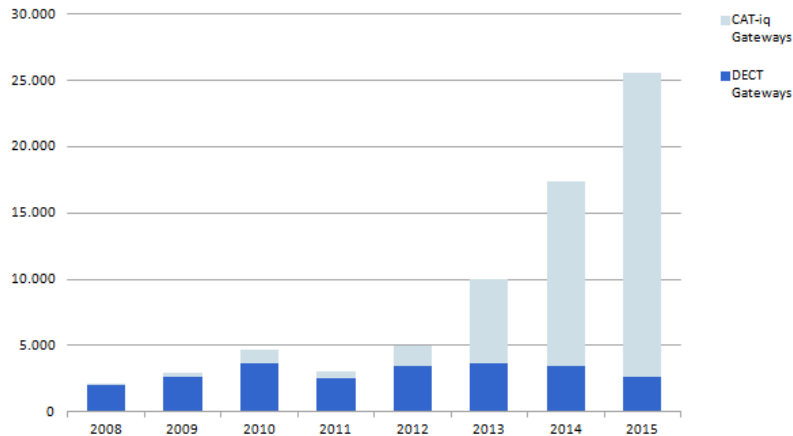
Future

- Expanding the scope
 - Services (wideband, Multiple lines etc)
 - Increased number of devices (data)
 - DECT ULE (Ultra Low Energy)
 - Energy efficient Home Networking



Worldwide DECT/CAT-iq Shipments

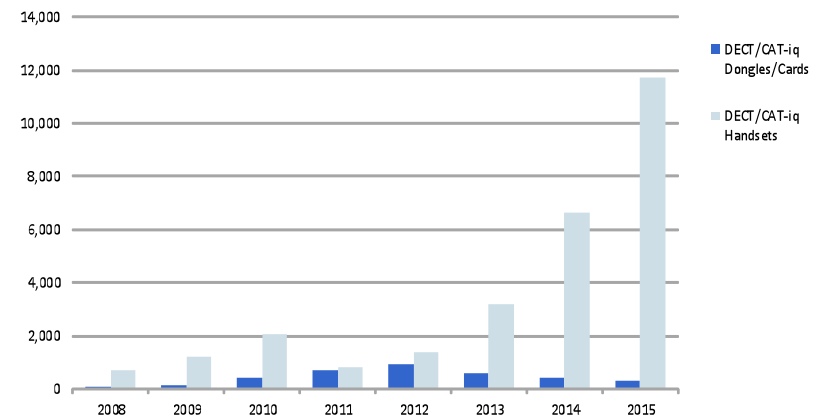
Figure 4.1
DECT/CAT-iq Gateways Shipments - World
000s of Units Shipped



Source: IMS Research

Jan-12

Figure 4.3
DECT/CAT-iq Associated Equipment Shipments - World
000s of Units Shipped

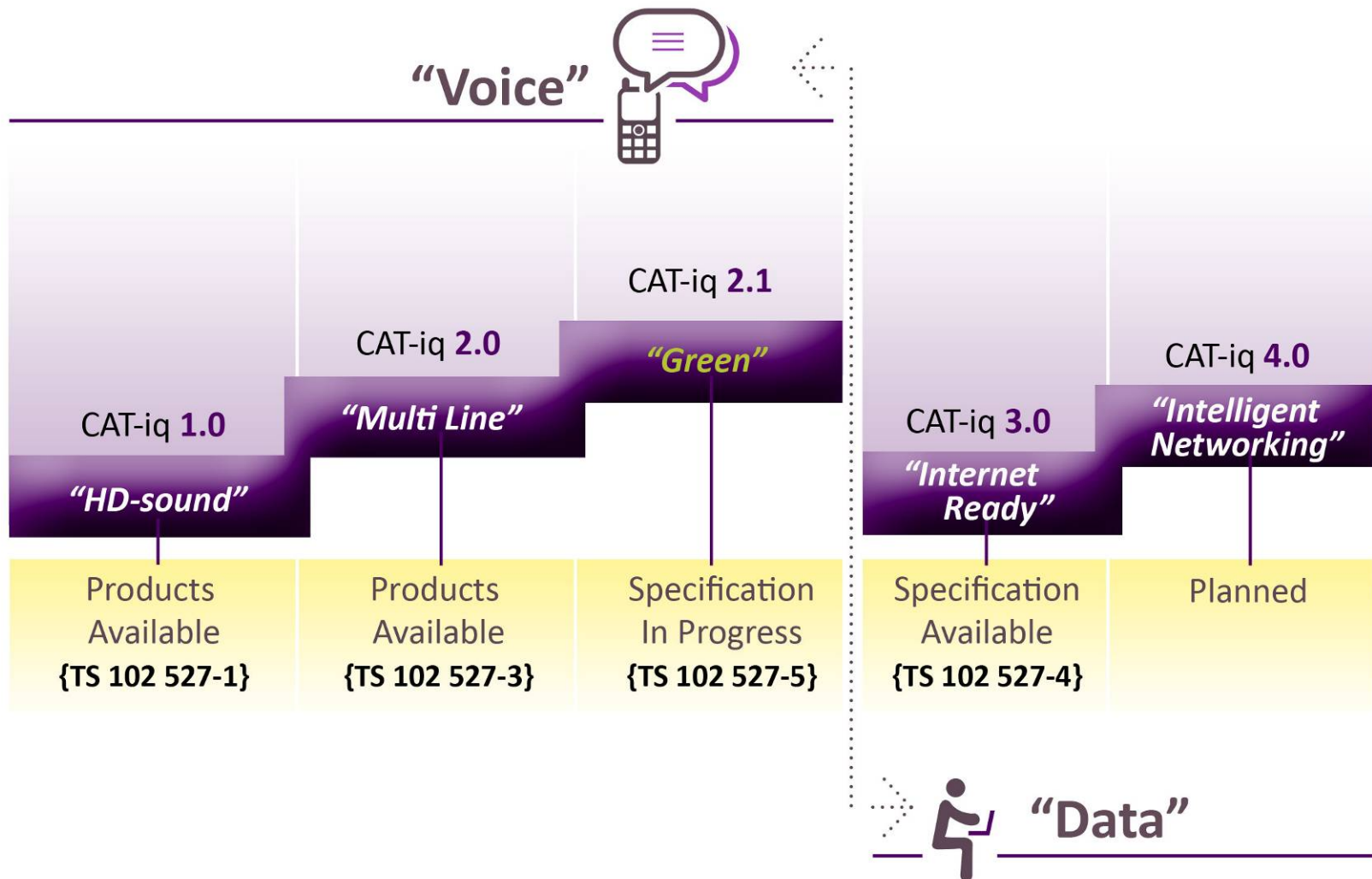


Source: IMS Research

Jan-12

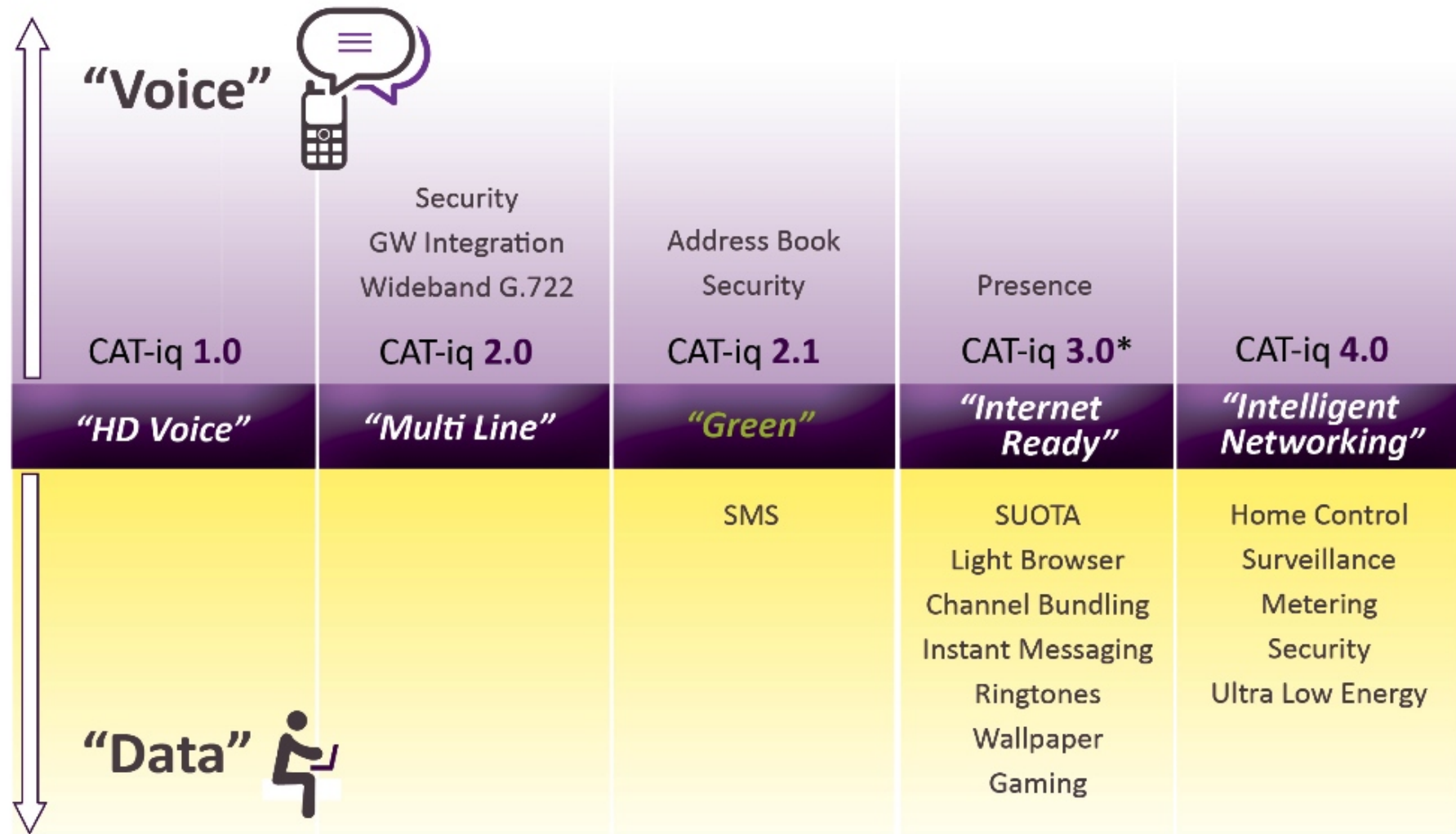
- Total shipments in 2011 down on 2010 due to BT and Comcast pulling DECT from Home Hub and HomePoint products.
- Worldwide IAD attach growing to 19% in 2015.
- 2015 projected shipments of 25m.
- DSL remains key, but fiber will overtake cable in 2014.

CAT-iq Profile Overview



* Note that some data devices may incorporate voice services

DECT CAT-iq Profile Overview



* Note that some data devices may incorporate voice services



The CAT-iq certification program

- promotes CAT-iq to market stakeholders, e.g. end users, carriers, retailers as a technically credible implementation of **conformity to a set of standards** that will add value to their industry/lives.
- ensures **interoperability** of devices from multiple manufacturers for functionalities defined in CAT-iq. (Being compliant with CAT-iq standards tested comprehensively according to the functionalities defined as mandatory by the CAT-iq standards).
- ensures a mandatory level of **quality requirement** for specific product parameters to achieve **consistent user experience** of the different stakeholders.
- For more information see "CAT-iq Certification Overview"



- CAT-iq 2.0 certification program, open & running
- Product listing can be found on www.cat-iq.org/certification.aspx

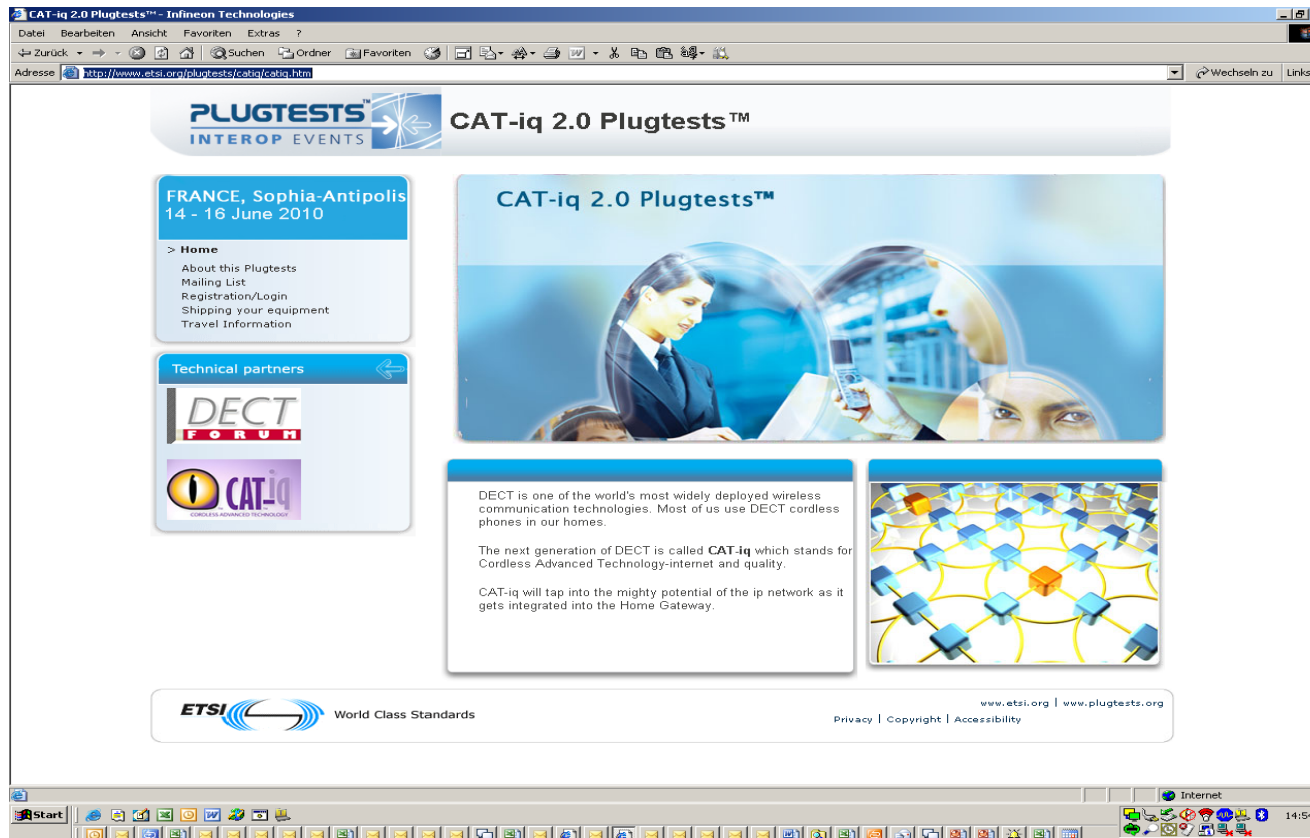
CAT-iq 2.0 Products

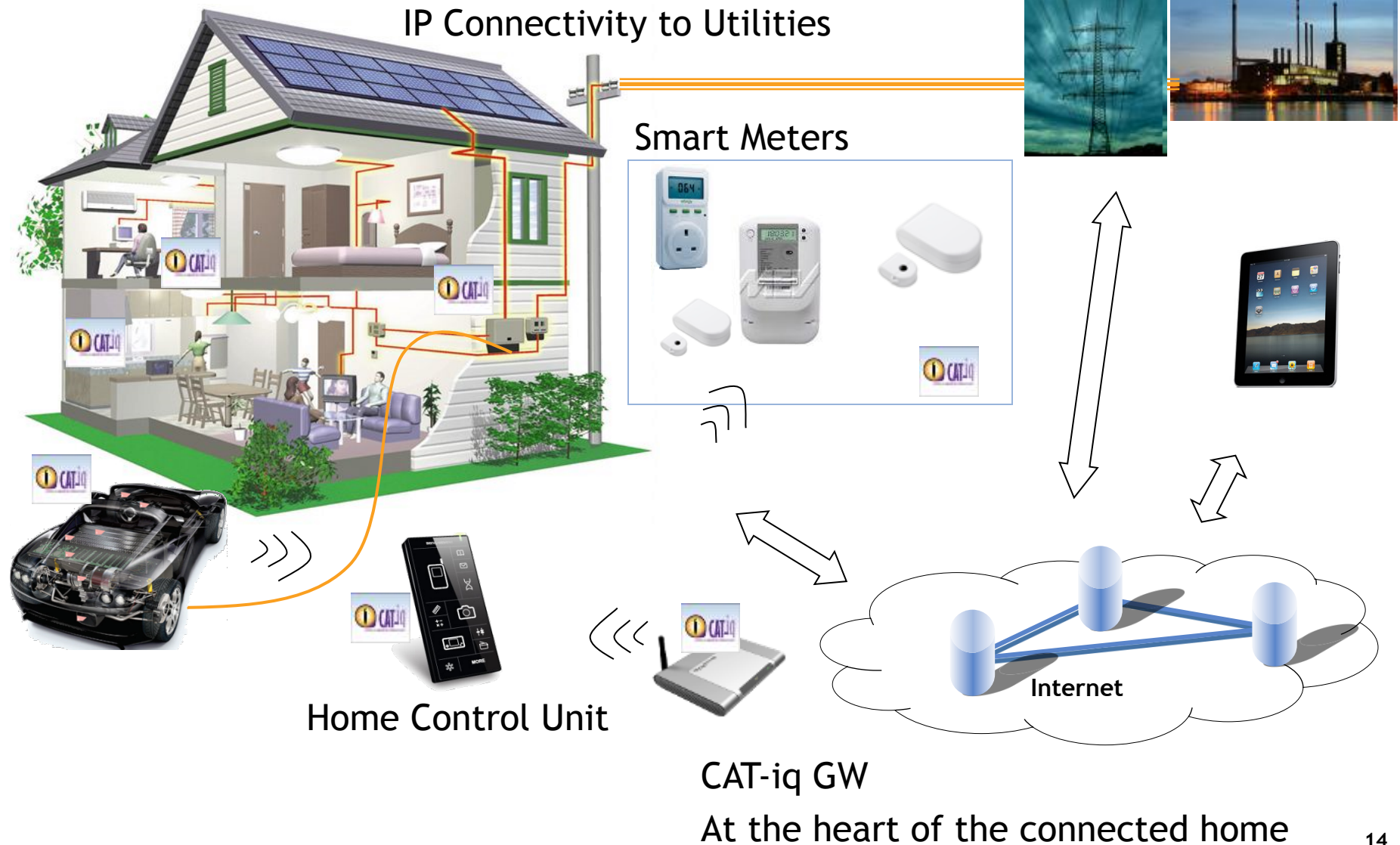
Company	Product	Product Identification	Date of status achievement	Hardware version	Software version
	Avant 5000	01-11-02-100001	11-Feb-2011	35-007688-002-100	0.03.13.40.09
	SMT-W3510	01-11-02-100002	15-Feb-2011	PCS01D	0.5.0
	C300H iq	01-11-02-100003	18-Feb-2011	Rev.3	V028
	D46W	01-11-06-100004	17-Jun-2011	D46W	D46w-V1.2-CAT-IQ-2
	Speedphone 700 Portable Part	01-11-08-100005	12-Aug-2011	0.0C	Rel5 RC10
	Speedphone 100 Portable Part	01-11-09-100006	29-Sep-2011	PCBV3	V0.48
	Speedphone 500 Portable Part	01-11-09-100007	29-Sep-2011	PCBV3	V0.48
	IH250 Portable Part	01-11-11-100008	25-Nov-2011	20405774	03.07.32

IOP – Critical for successful CAT-iq Deployment

<http://www.etsi.org/plugtests/catiq/catiq.htm>

- 2 Official ETSI Events Planned in 2012 (Venue tbd)
- 1 IOP event @ Cablelabs in December
- Continued alignment with Cablelabs on our Specification
- Multiple inter-company IOP (inofficial)







- CAT-iq is now a major Broadband Wireless technology in the Home Gateway
 - Stable, Licensed, excellent reach with huge customer base
- With IP connectivity, CAT-iq becomes a vehicle for new Gateway-based Smart Home services
 - VoIP, Light Data services
 - Re-use of voice for surveillance, remote medicine,
 - Re-use of Display for Diagnosis, Control, Data collection...
 - Smart Home:
 - P2MP, Multiple clients, Secure, QOS, simple protocols,
- DECT Forum and ETSI will build the highway to bring the profiles to market :
 - Clean Standards
 - Robust Test Specs
 - Certification Programs (implying IOP)



- For more information about (add TOPIC. E.g. DECT ULE) please visit the DECT Forum website: www.dect.org
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