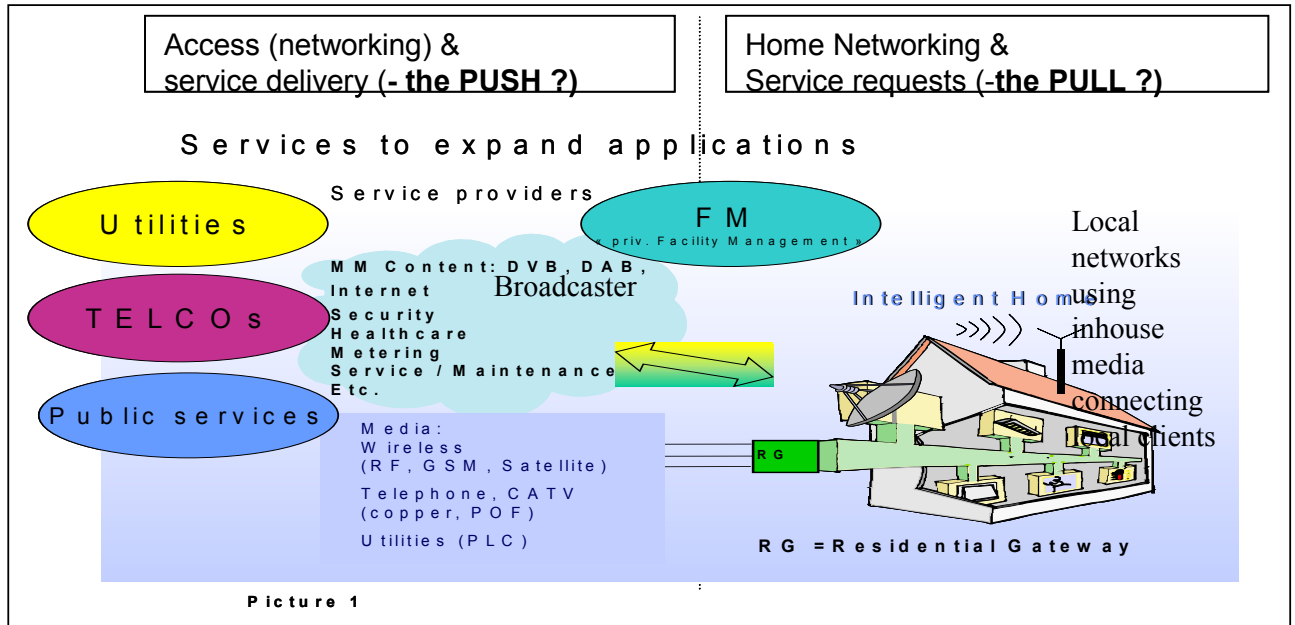


**Agreed Smart House Working Model**

**Note 1: "Networks":** the model distinguishes between Smart inHouse or (internal home-) networks within the confines of the Smart House and (external) Access networks to the Smart House. Both networks are clearly terminated at the Smart House access point, which could be the Residential Gateway (JTC1/SC25) or Home Server (IEC TC100)

**Note 2: Model limitation:** Unless the Smart House mobile (Cellphone / GSM) access connects to a gateway of an in-house network, this model does in principle not cover mobile connections which create only 1-to-1 service relations. Such **direct services** cannot by definition be considered as inHouse networking.



Content / Service	Access Networks	Home Gateway	Inhouse Media	Local Networks	Local Clients
Content and Application Service providers	Wired - POTS - ISDN - XDSL - CATV	Residential Gateway - Set-top Box - dedicated - Framework Platform - MHP	Wired - narrowband - broadband  - Powerline	Control Networks Service Networks Info Networks	HBES systems - Lighting - HVAC - Security
Service Aggregators				- TV centric	surveillance & maintenance:
Database Providers	Wireless -GSM, UMTS -DVB-T, DVB-S -DVB-S	Access Box plus Network based "Service Gateway" (= Virtual Gateway)	Wireless RF -narrowband -broadband IR (limited)	- PC / PDA centric - DECT / GSM	- Persons, - Equipment (white goods), - cars
External clients					Information & Entertainment