TECO 東元電機

Smart technology drives low carbon green life

數位顯示技術組
Division of Digital Display

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Broad Band Interactive Smart Home Service

The Trend

- Mobile broadband, smart media, IOT, cloud computing…etc, application of next-generation technologies has become ubiquitous, and Service-Technology is booming, becoming mainstream technology.

  Service-Technology includes：

  - Creative Service Ideas
  - Creative Business Models
  - Feature-Rich Portal Software
  - User-Friendly and Function-Rich Enabling Devices

and the Core: **Service Enabling System**

Broad Band Interactive Smart Home Service

Status quo

- Taiwan’ s enabling device is leading in the world, there is never lack of creative services
- The scale of software industry is not reaching the international standard yet, but we have the ability and creativity for developing business-specific portal software.
- The government continues to promote plans with a vision, encouraging industry developments.

Main developments

- Because of the trend and status quo of Taiwan listed above, we integrated multiple domestic companies to develop the platform of broad band interactive smart home services.
- The birth of this development plan can not only create business benefits for the participants, but also introduce/demonstrate a platform integrating service/product/business model to people in the country. In the process, the companies’ innovative services, Portal software techniques, user terminal techniques and advantage of having the government promote innovative industries are fully practiced to encourage development of relative industries.
- Moreover, the core of this development plan, Service Enabling System, could be applied to other innovative services other than this plan(ex: environment monitoring, long-distance health), playing the key foundation of Service-Enabling.

Broad Band Interactive Smart Home Service

Market demand: according to the market demand trend abroad, we know that the device has too be integrated into the network. Combined with life-oriented content with interesting application services, it will create service income in the future.

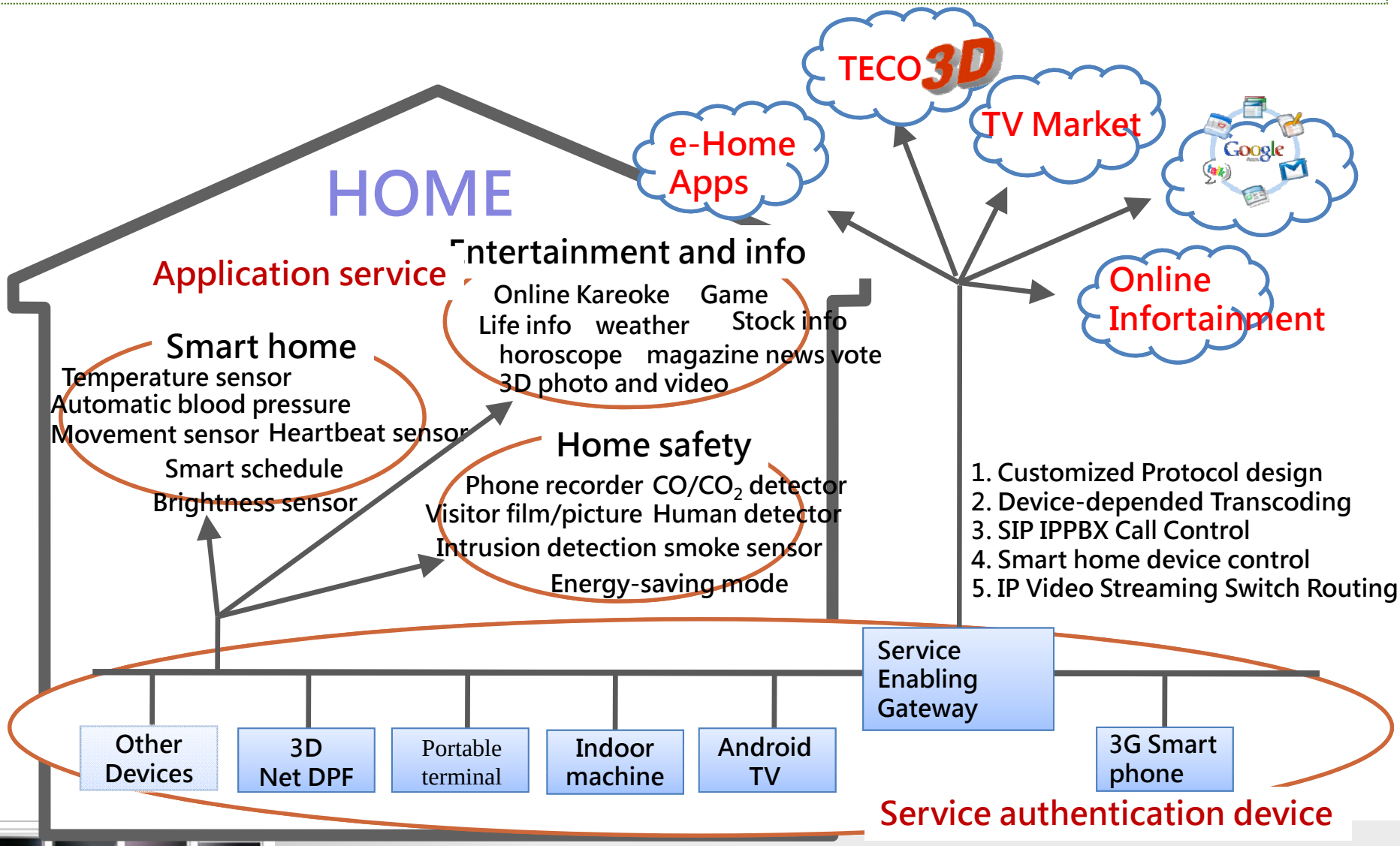
- When TECO was promoting smart home-related devices, construction and operation companies requested for network and interactive application services
- Service demand: Interactive, Real-Time, Proximity)
- Innovative application, powerful function, remote service, sufficient device, interactive life

Market status quo: Taiwan has powerful development and manufacturing teams; there are also some scattered service providers, but there is lack of horizontal alliances for system integration.

- Our product will provide smart home-related device which is leading in the global integrated application service, it will also provide Portal Service System

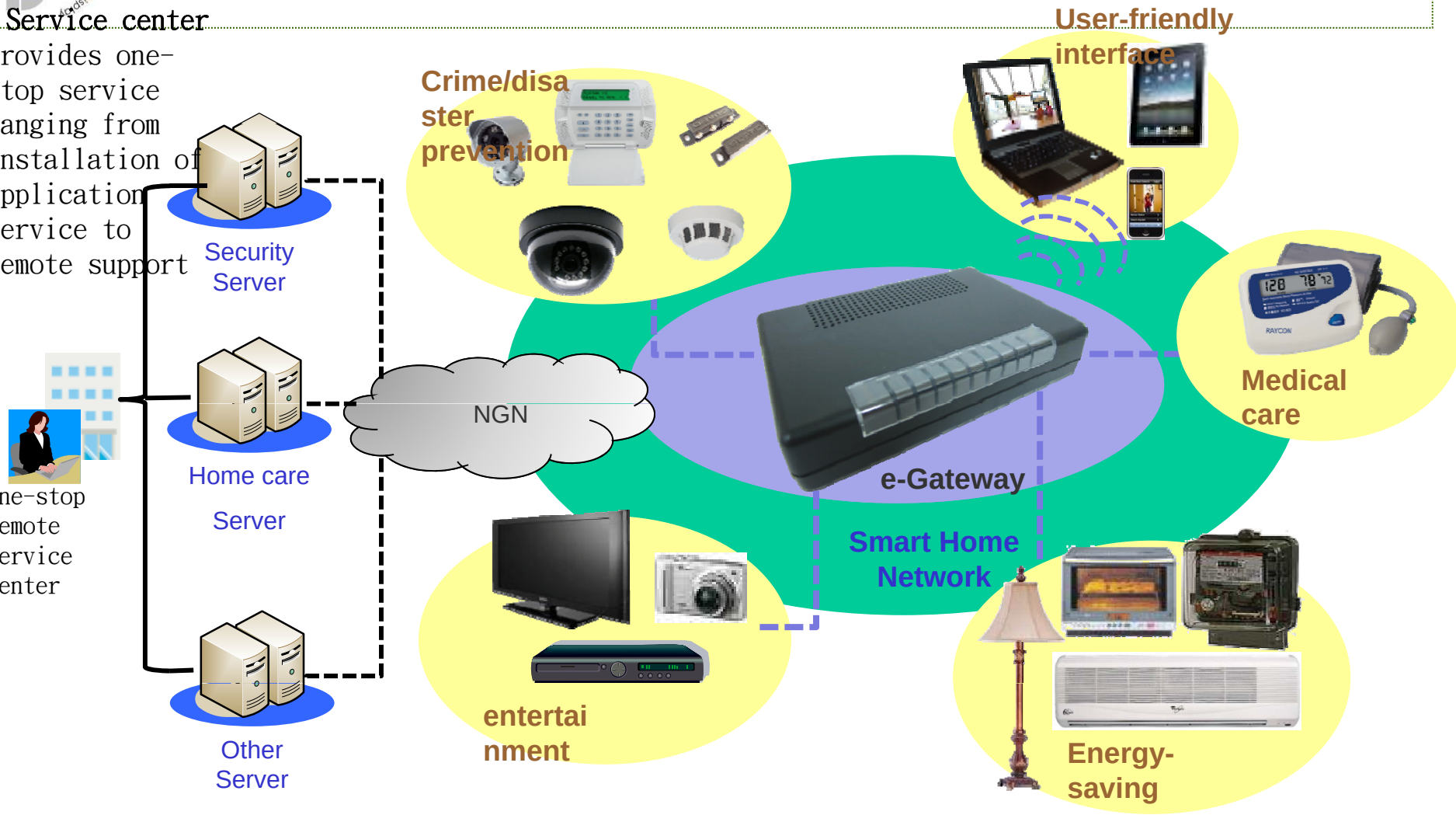
Develop local technologies deep, cultivate local companies, apply local services, promote local content

Smart home serivce



The concept of e-Gateway

Service center
Provides one-stop service ranging from installation of application service to remote support



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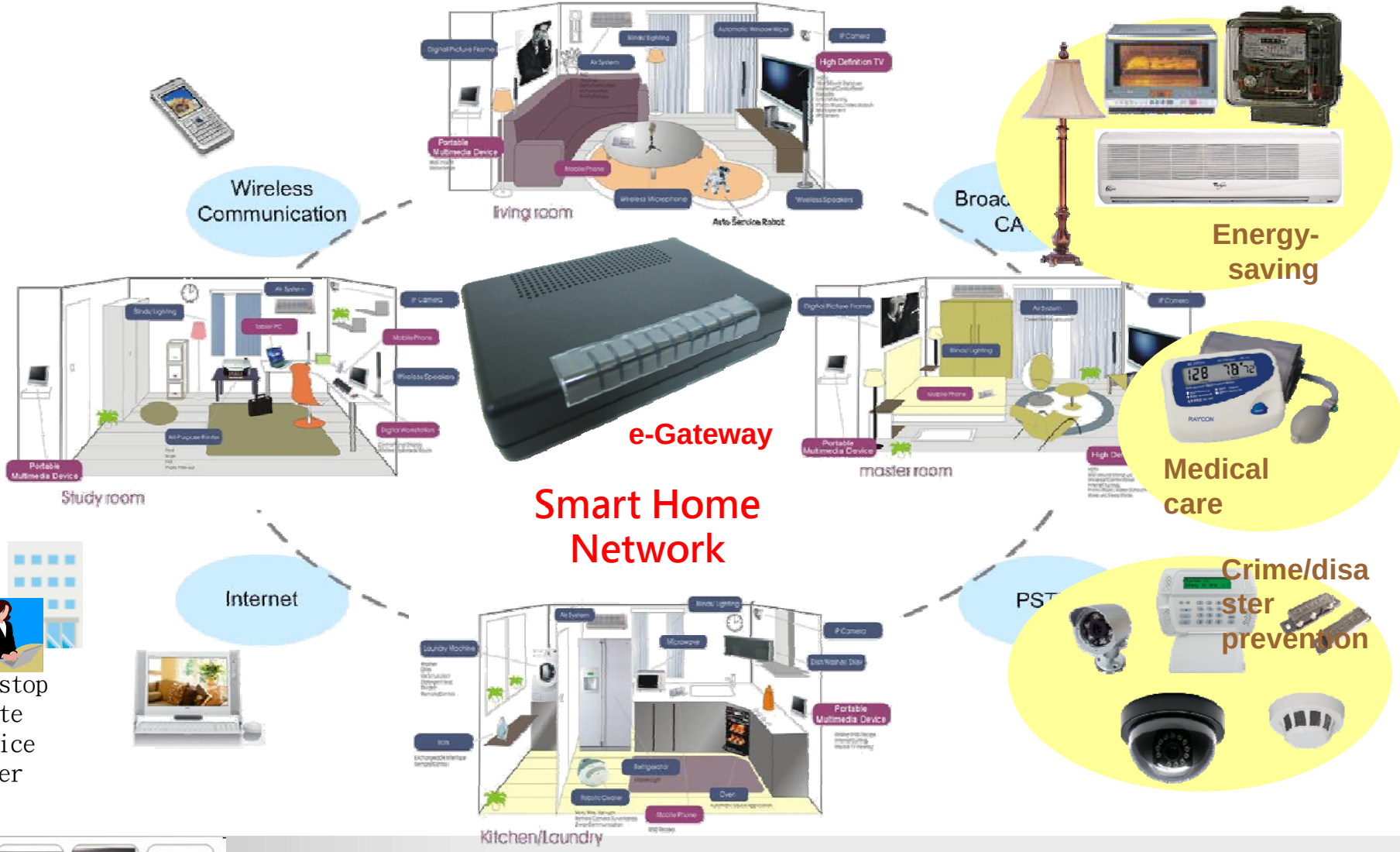
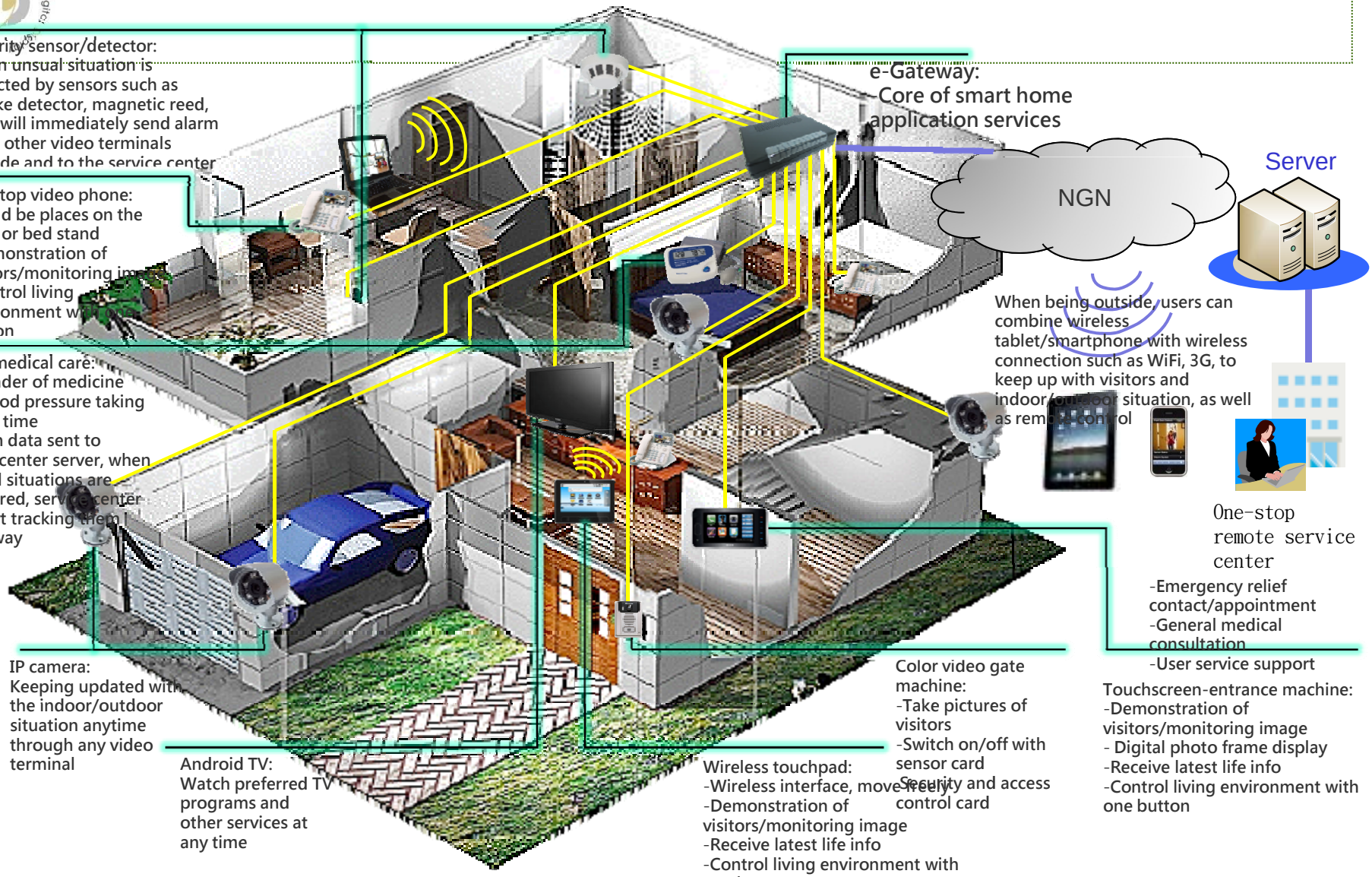
Apply e-Gayteway to smart home network service



Modern smart life demands for smart home



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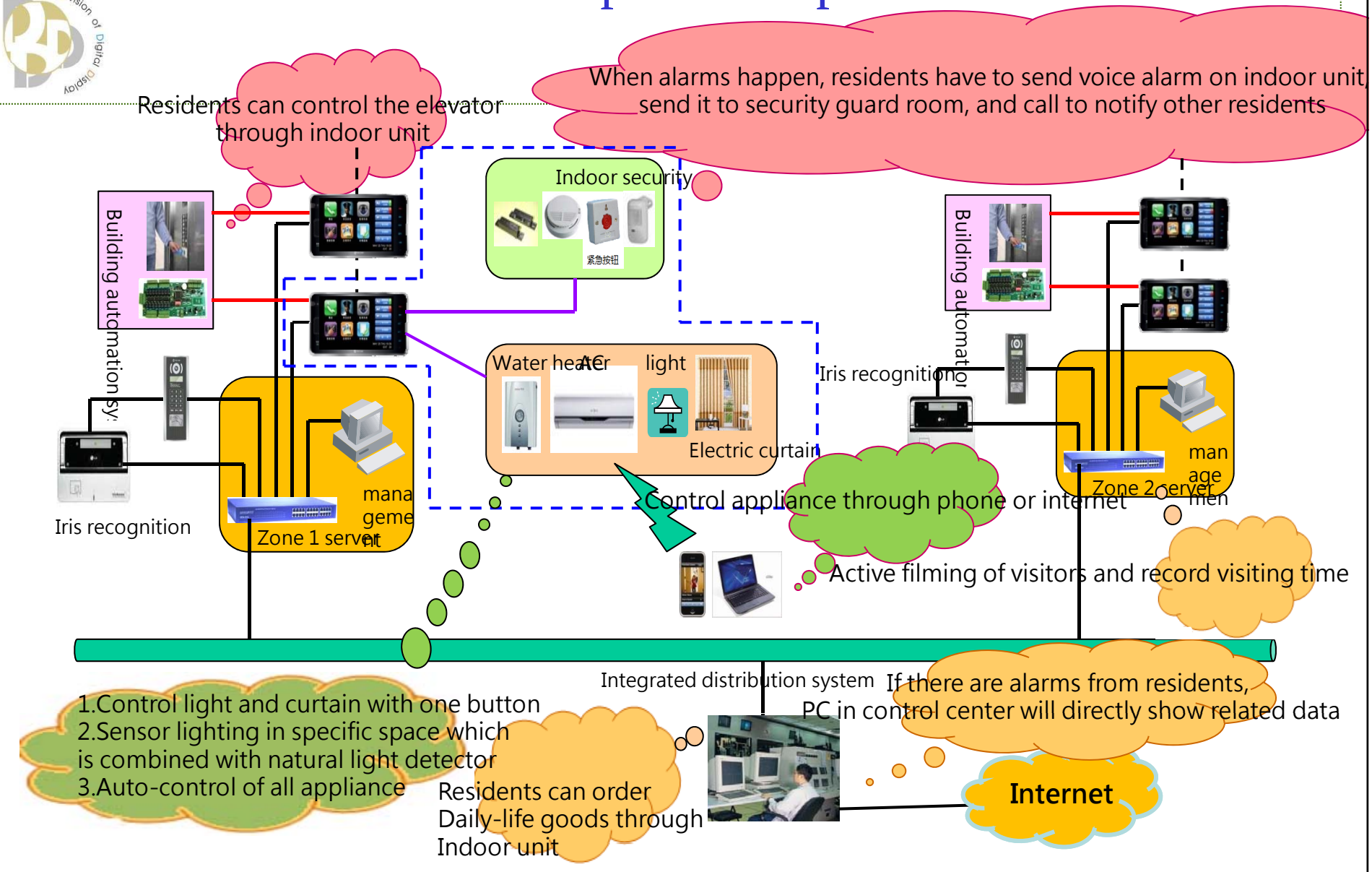
Construction companies' expectation to smart home



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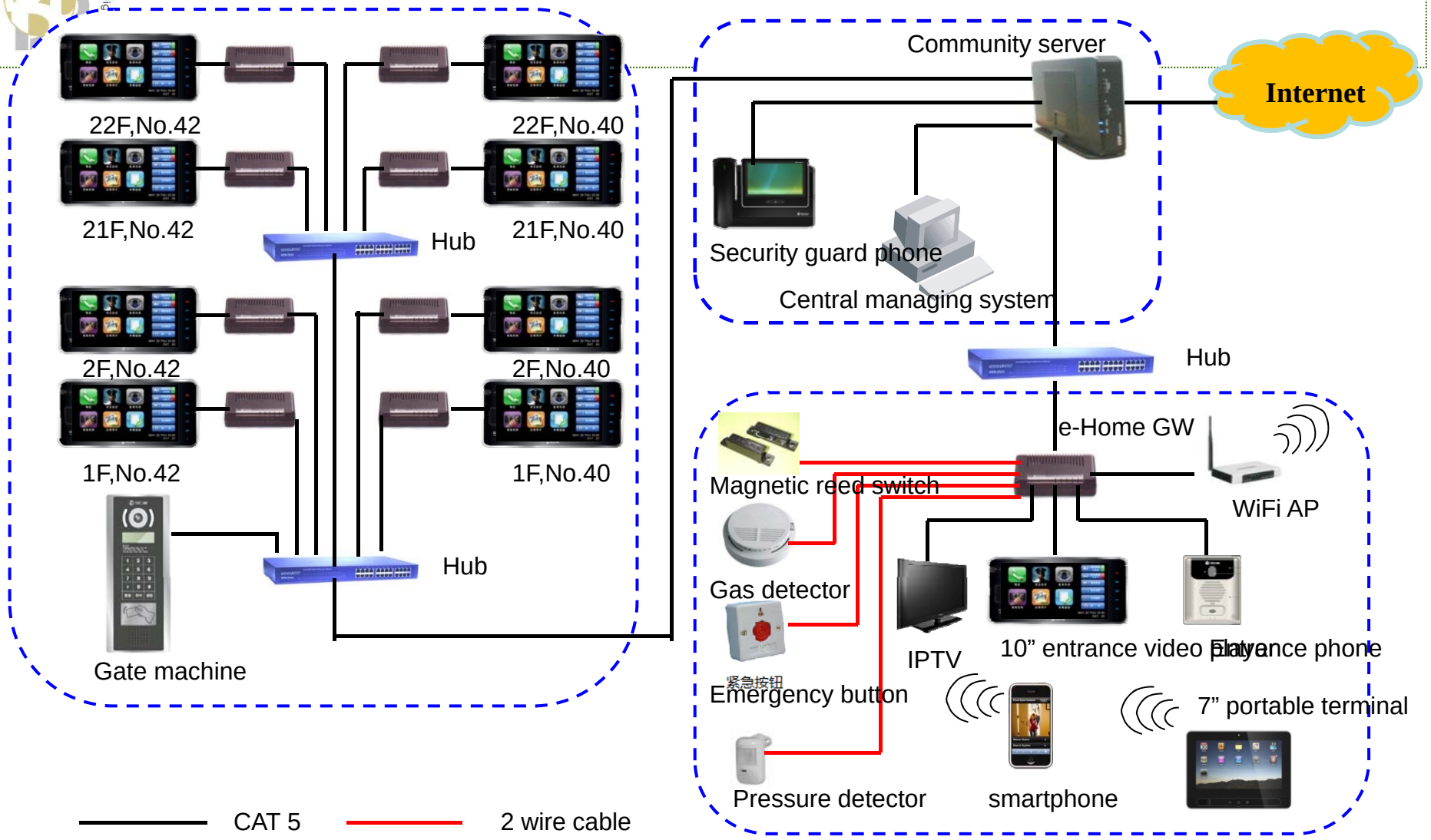
Community-type system structure



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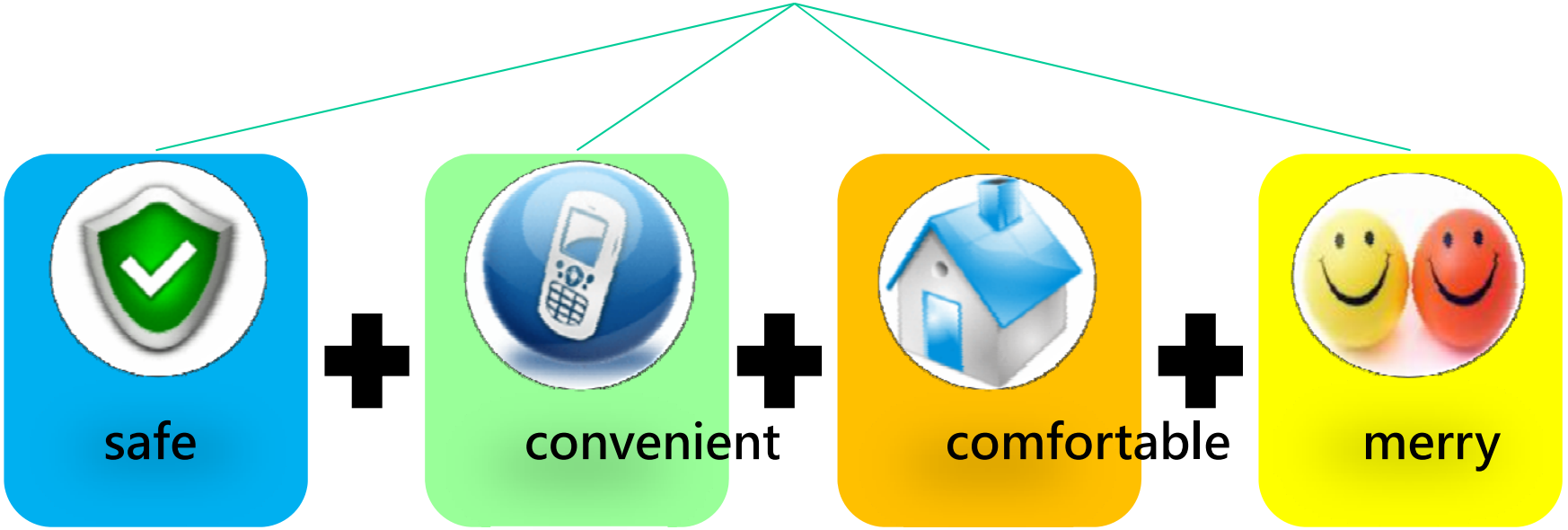
Smart Home



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