

CES CONFERENCES

RECHARGE

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Las Vegas, Nevada

www.CESweb.org



**IPv6 on the Go:
Any Content, Anytime, Anywhere**

The new wave of the Mobile Internet

**K. S. LEE, Ph.D.
VP, Platform Solutions Team
Digital Media R&D Center
Samsung Electronics Co., Ltd.**



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1. Digital World
2. IPv6 Home
3. Our activities
4. Moving forward



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1. Digital World

- Entertainment
- Communication
- Information
- Security
- Home Automation



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Entertainment

Home theater
DVD Dolby AC-3 Sound,
HD Digital Video



DVD Dolby Surround
the movie theater e

Online game
Internet Network Game
Online Game Community



You can enjoy video
your home and then

Multimedia album
Multimedia CD-ROM
Digital Audio Video



You can edit video clips or still images taken by digital
camcorders or digital cameras and store them using your
PC and a CD recorder.

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Communication



Video chatting
Video E-mail Service
Video Meeting Room

Web camera make it easy for business or casual video



Data communication
Communication
IEEE1394

ticket
HAPPY BIRTHDAY!

ticket
HAPPY BIRTHDAY!

Home Network Wireless LAN

Using a wireless LAN, you can share multimedia data with any of your digital home appliances anywhere or any time.

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Information

Information on demand
Mobile Information
Online Shopping



You can receive favorite info or living at any time and place.

Download
New Driver Program



You can download a new feature of a home network appliance via Internet so that product features will automatically be upgraded.

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Security

Security



We guarantee hour confirmation while recognition system

Protection against disasters

Gas



We protect your home against unforeseeable accidents by monitoring your home

Monitoring

Remote Monitoring Service



You can monitor your children's safety and whereabouts both inside and outside of your home using Web cameras.

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Home Automation

Remote control



You can control all of your appliances you're away from home using a terminal.

Remote metering



You can make your home more energy efficient by remotely metering electricity, gas and water usage and rates using the Internet.

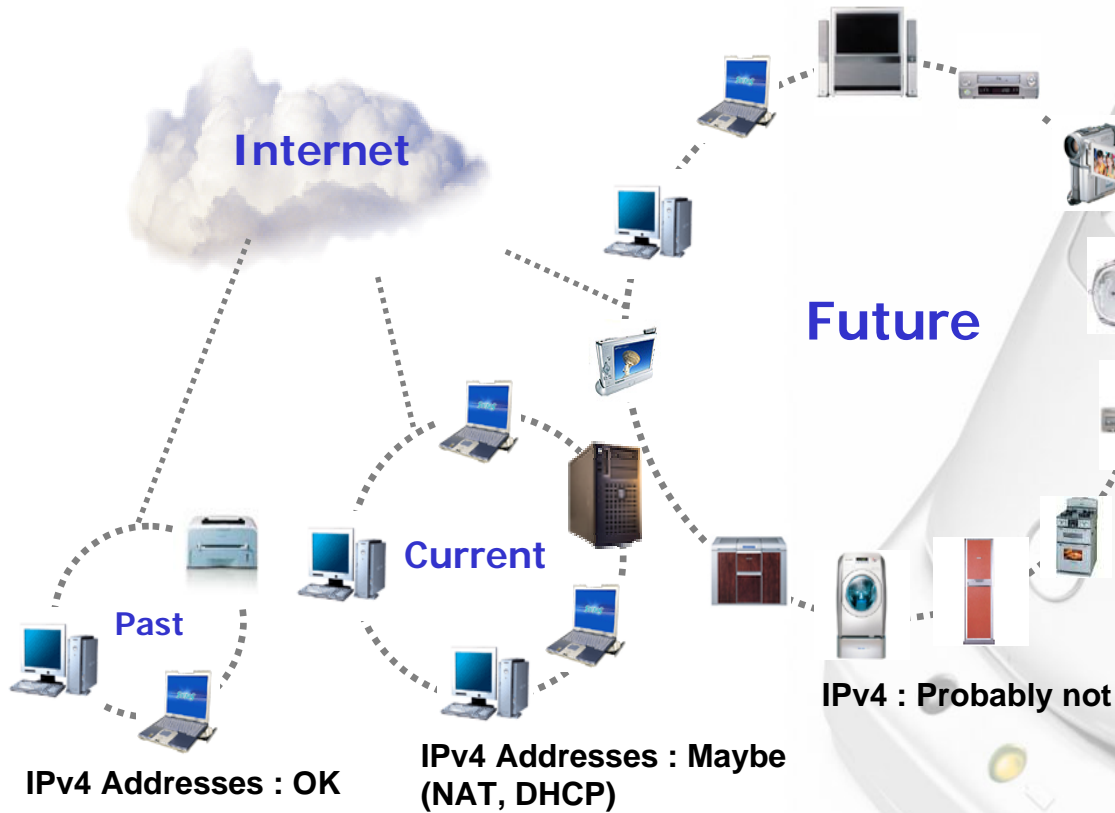
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Samsung's Digital World



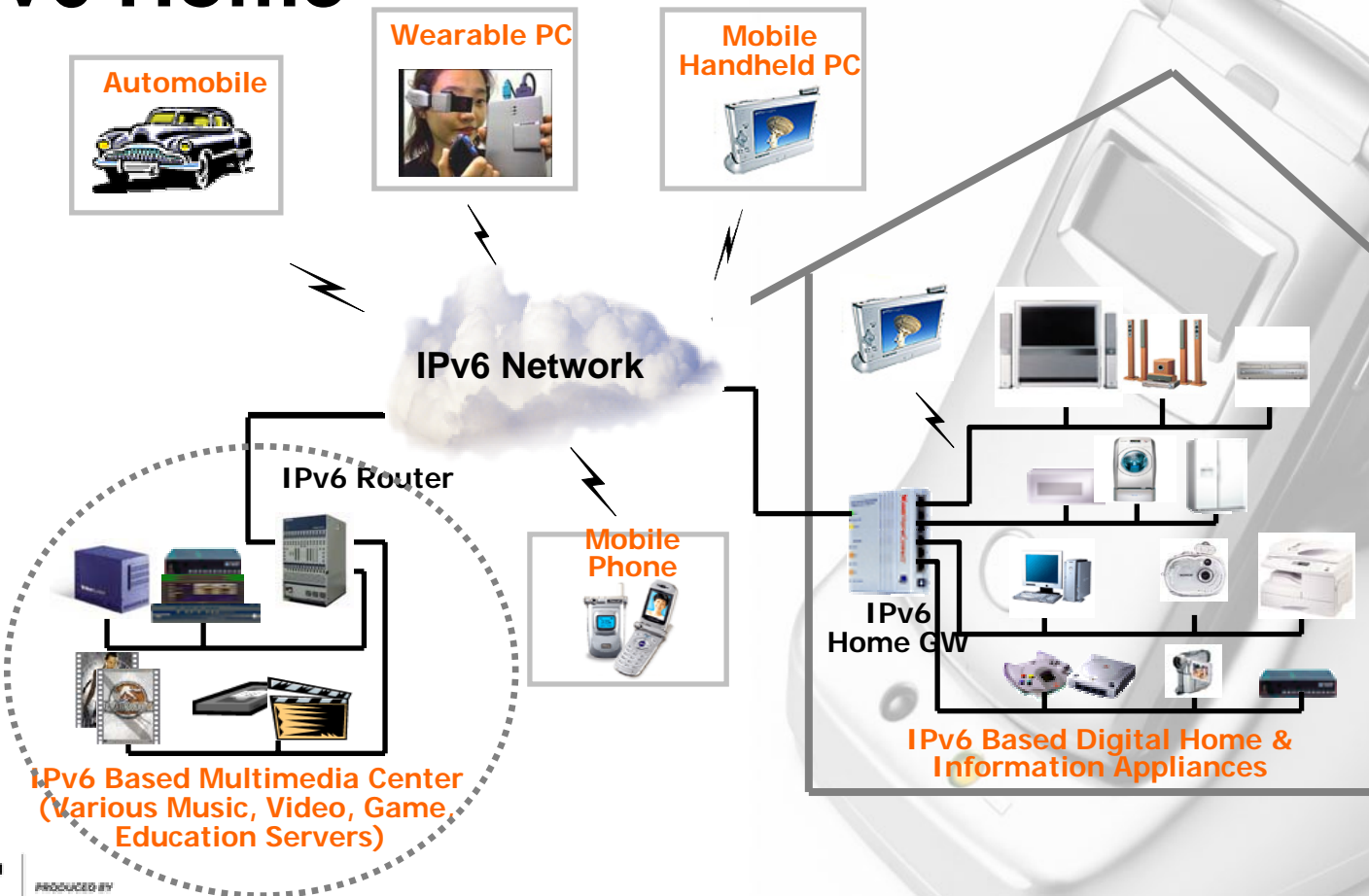
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2. IPv6 Home



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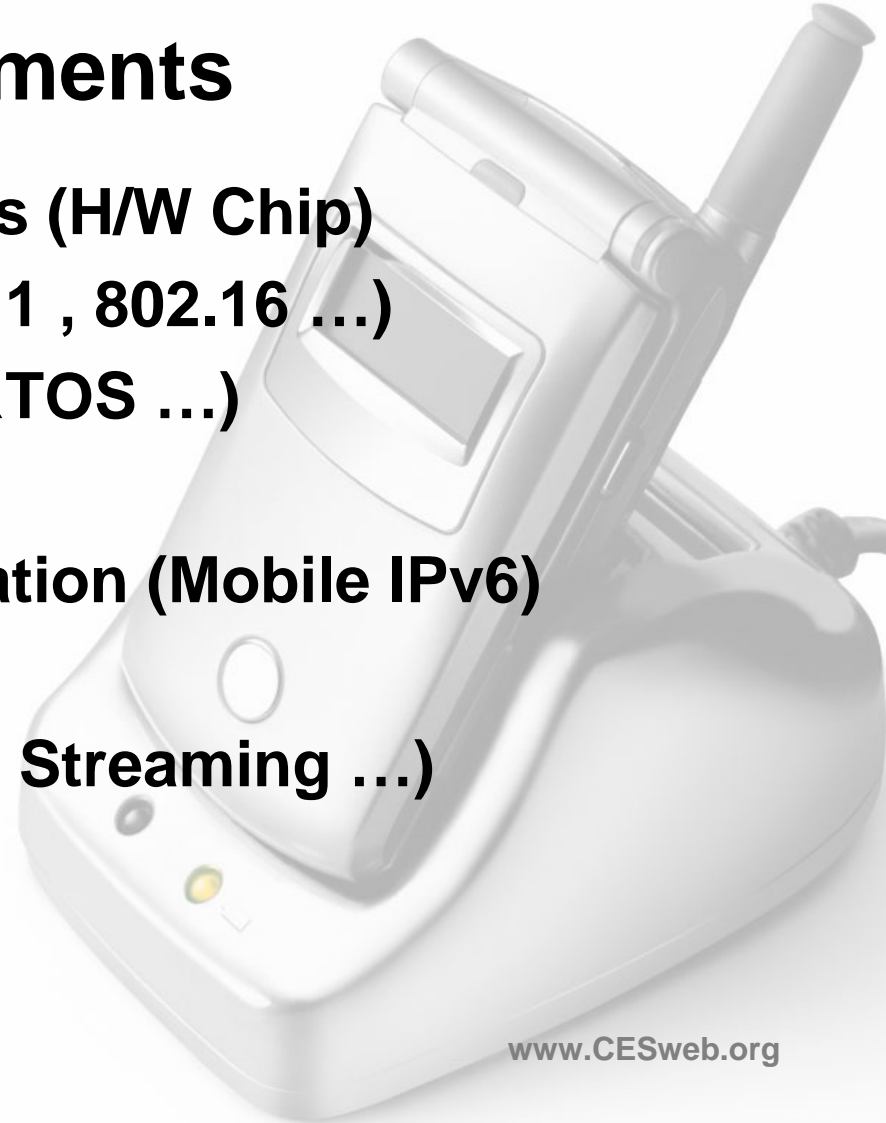
2. IPv6 Home



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2-1. IPv6 Home Requirements

- **Low Cost Network Appliances (H/W Chip)**
- **L2 Wireless Technique (802.11 , 802.16 ...)**
- **Embedded Compact Stack (RTOS ...)**
- **Unique Identity (IPv6)**
- **Mobile Seamless Communication (Mobile IPv6)**
- **Security (IPSec)**
- **User Availability (VoIP, Video Streaming ...)**



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3. Our activities

- **Samsung's IPv6 enabled digital products**
- **IPv6 hardware chip solution**
- **IPv6 software stack solutions**
- **Mobile IPv6 solution for wireless home**
- **Various application (SIP based VoIP solution, etc.)**



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3. Our activities

Mobile Appliance



Information Appliance



**Many targets for IPv6
in SAMSUNG**

Home Appliance

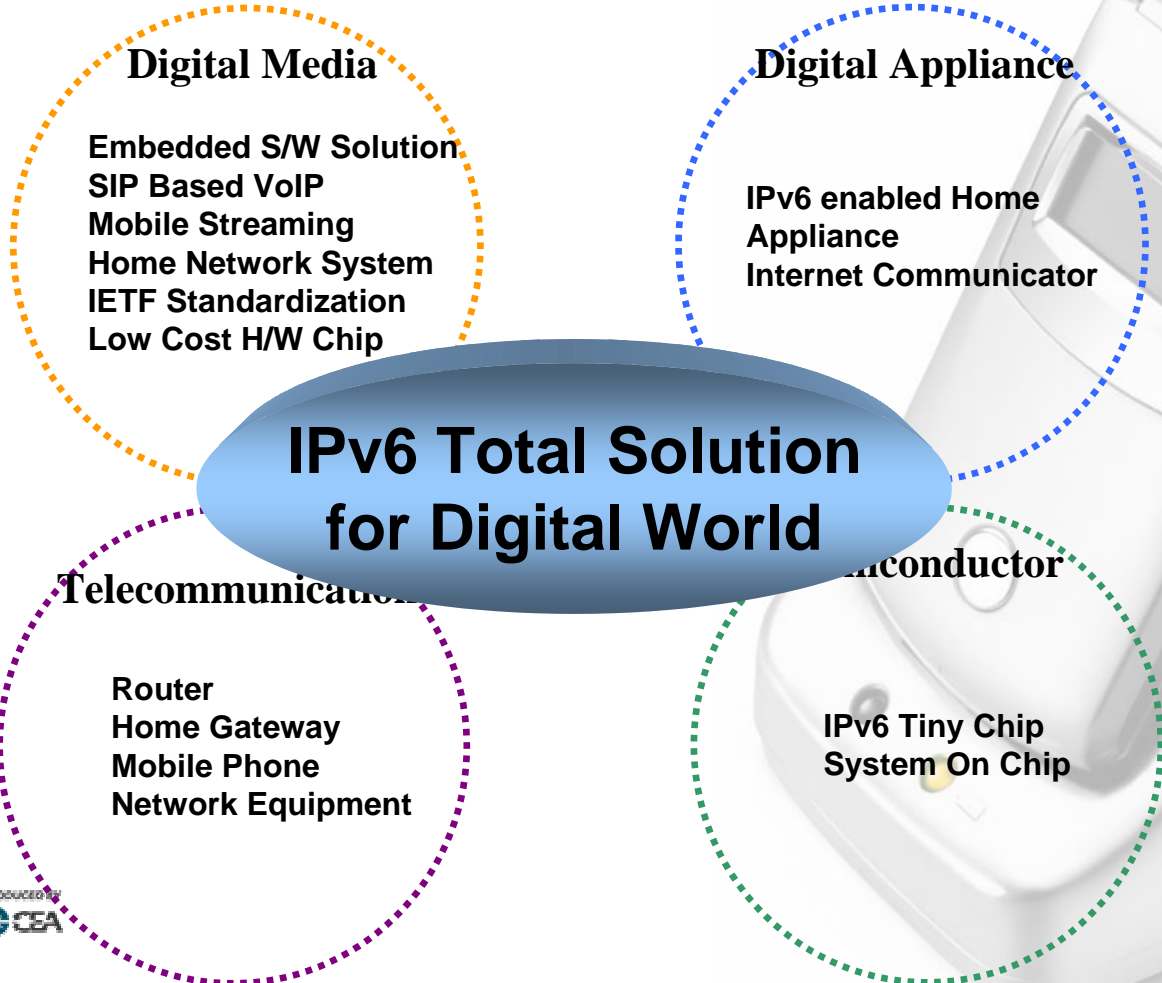


Network Appliance



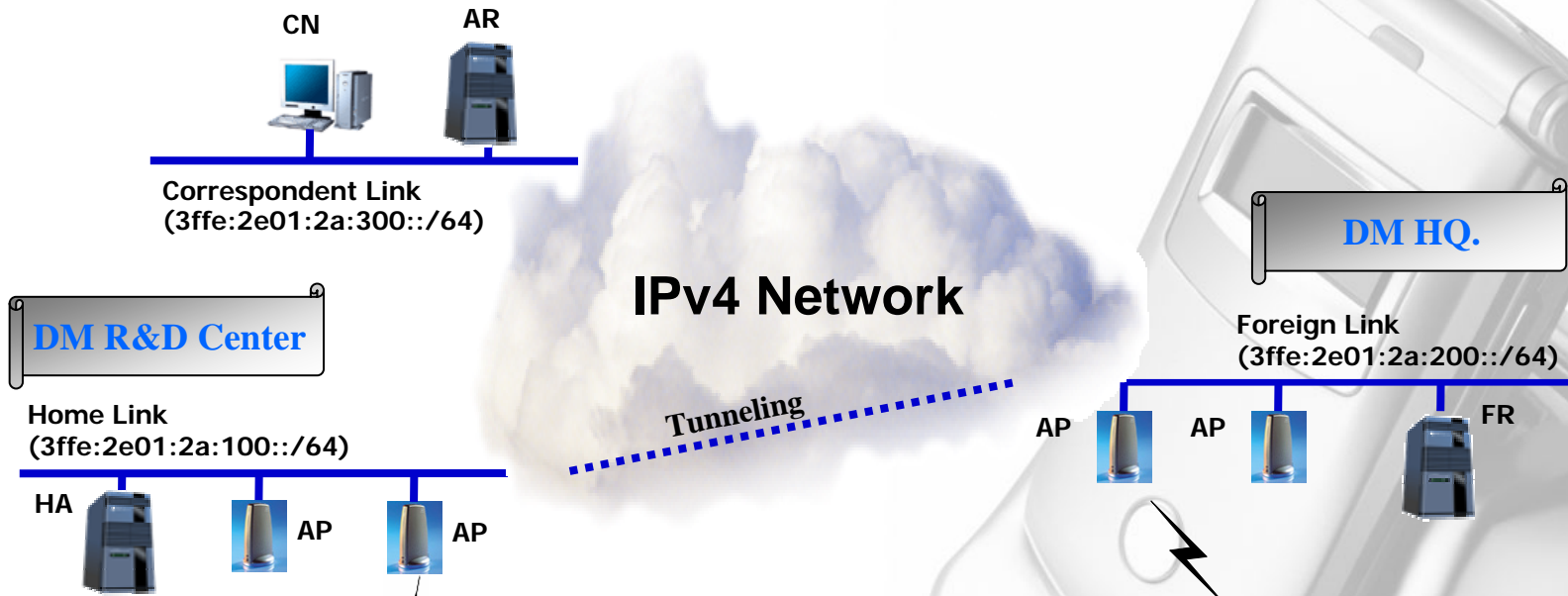
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3. Our activities



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3.2 VoIPv6 with Fast Handover



Seamless VoIPv6 & Video Streaming
(Mobile IPv6 , Fast Handover)

CN : Correspondent Node
AR : Access Router
HA : Home Agent
FR : Foreign Router
AP : Access Point

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3. Our activities



Brussels, 23-26 September 2003



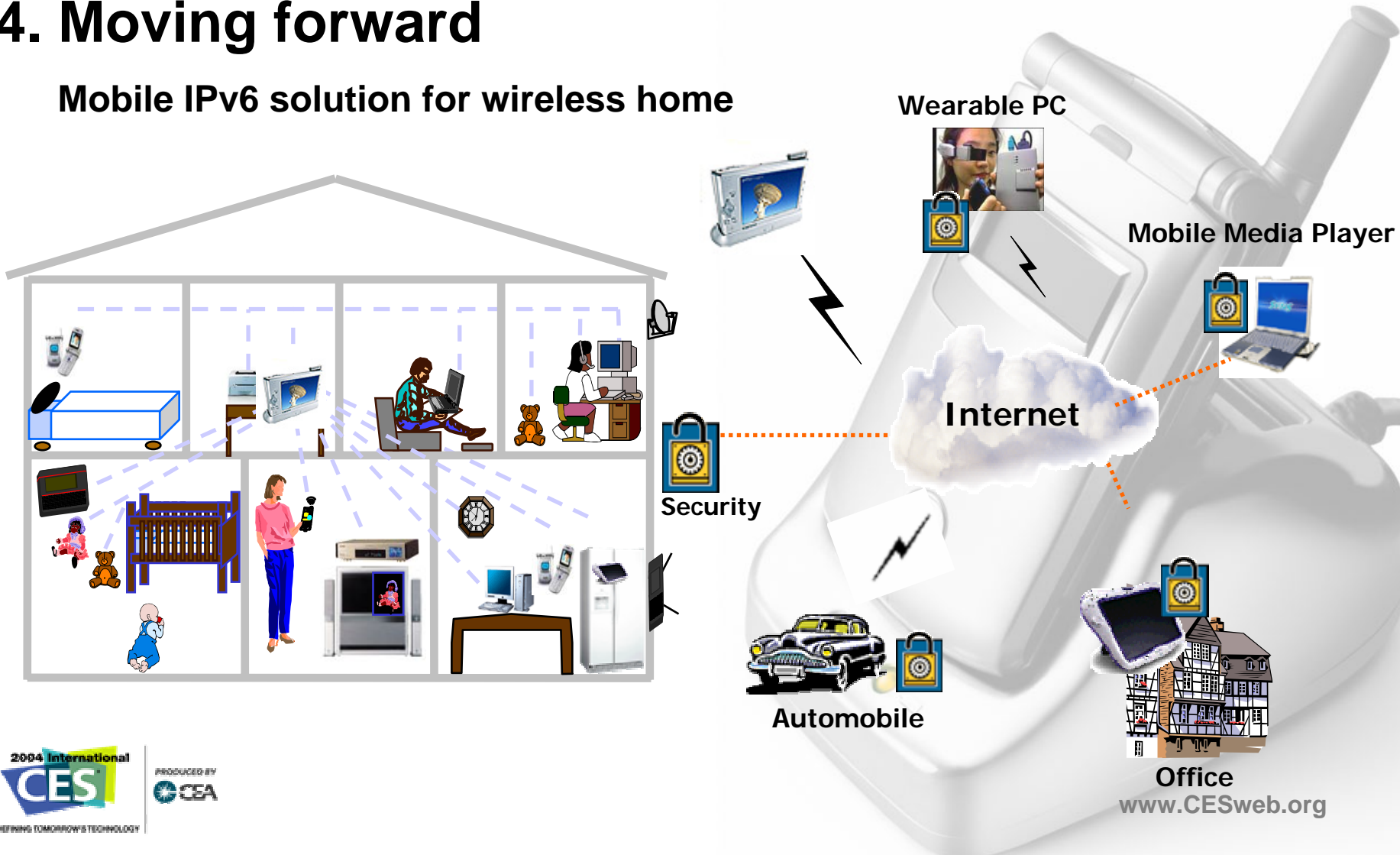
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01-000121 SAMSUNG Electronics SAMSUNG IPv6 Stack 1.0 IPv6 Stack Over VxWorks OS 20031121

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4. Moving forward

Mobile IPv6 solution for wireless home



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Contact to : kslee7@samsung.com

