Moving from a Mobile Infrastructure to a Co-creation Platform Network

Special Articles on Making Life More Convenient and Seamless — toward Future Lifestyles

- docomo TV Terminal as “Your TV”
- “IoT Smart Home” Supporting Daily Life Activities
- Personalized Screen Concept Using a Gesture Controlled UI
- A Face-to-face Video Calling System Facilitating Natural Eye Contact

Technology Reports (Special Articles)

Technology Reports

- 8K VR Video Live Streaming and Viewing System for the 5G Era
- New Platform Technology to Further Improve the Quality of Multimedia Services
  - MediaSDK Software Library -
[ Contents ]

DOCOMO Today

Moving from a Mobile Infrastructure to a Co-creation Platform Network
Takatoshi Okagawa 1

Technology Reports (Special Articles)

Special Articles on Making Life More Convenient and Seamless—toward Future Lifestyles

docomo TV Terminal as “Your TV” 04

   Video Delivery  User Switching  Viewing History

   IoT  Smart Home  WEB API

“IoT Smart Home” Supporting Daily Life Activities 16

   Personalization  Home Devices  Gesture Controlled UI

Personalized Screen Concept Using a Gesture Controlled UI 25

   Eye Contact  Face-to-face  Video Calling

A Face-to-face Video Calling System Facilitating Natural Eye Contact 34
Technology Reports

8K VR Video Live Streaming and Viewing System for the 5G Era

New Platform Technology to Further Improve the Quality of Multimedia Services
—MediaSDK Software Library—

Sensing & Action

Embeds diverse IoT devices (networked home appliances, sensors, etc.) “IoT Smart Home”

Weight
Blood pressure
Body temperature
Step count
Activity
Pulse
Sleep
Stress

AI, big data analysis
Control, recommend

Lighting
Curtains
Air conditioning
TV

VR  Live Video Streaming  FPGA

Player  QoE  Quality Improvement