



New 5G Services & Products Presentation



New 5G Services & Products Presentation

NTT DOCOMO, INC.

President & CEO

Kazuhiro Yoshizawa

A vertical rainbow gradient background composed of a grid of small, semi-transparent squares, creating a pixelated effect. The colors transition from red at the top to purple at the bottom.

»»5G

**NTT
docomo**

**To start
March 25**



Gaming

Sports



VR tourism

New value creation



Music



Automatic translation



Declining birth rate and aging population



Regional revitalization

Solution for social issues



Shrinkage of workforce



Telemedicine

Significance of 5G Rollout

New value creation

Solution for social issues

Drastic UI/UX
improvement

Creation of
innovative services

Productivity
enhancement

Digital Transformation

IoT

AI

5G

XR

Cloud

DOCOMO's 5G Initiatives



Network

Device

Service

Solution

DOCOMO's 5G Initiatives

Network

Device

Service

Solution

Network

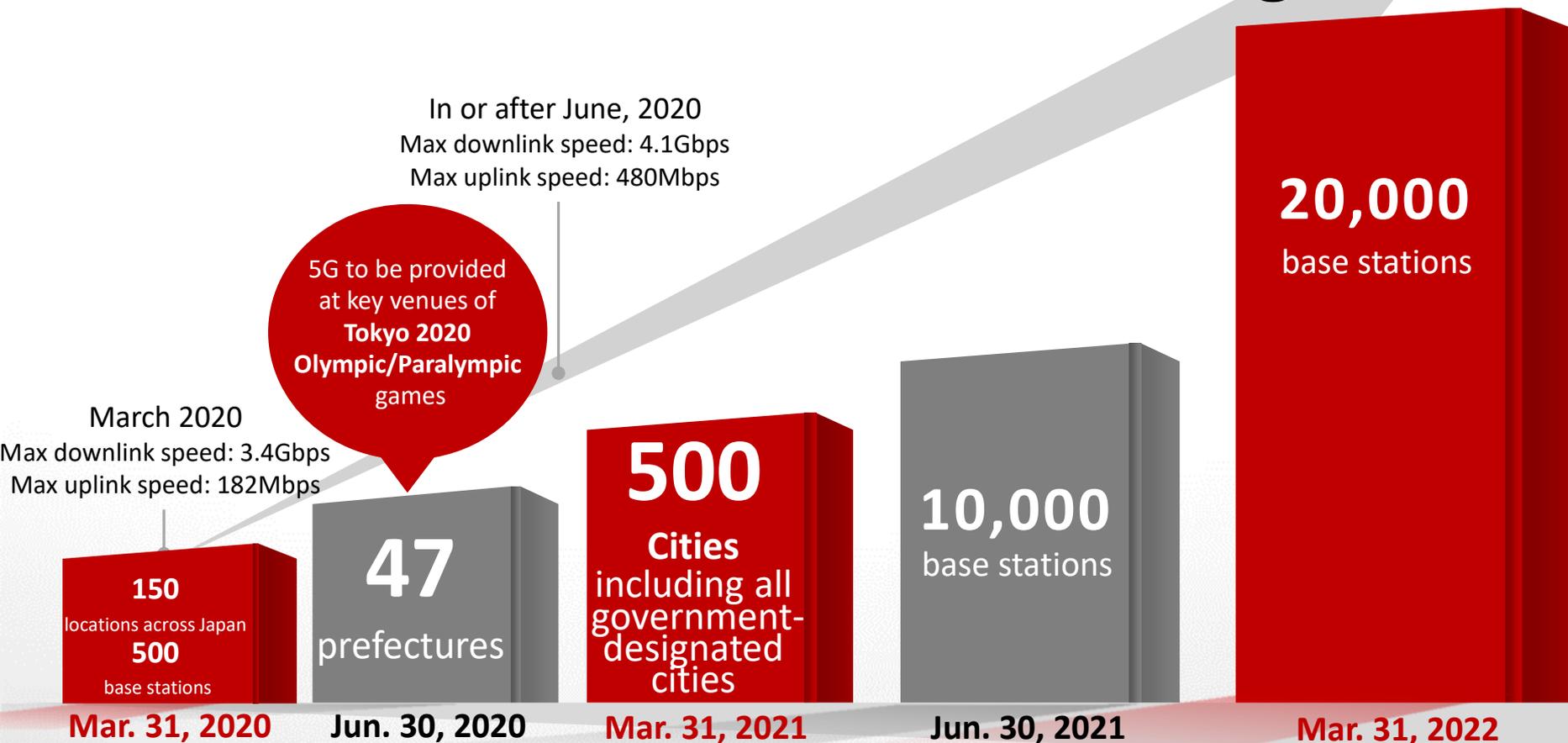
New value creation

Solution for social issues



- **High-speed, large-capacity transmission** making full use of new spectrum bands
- Development rate of 5G infrastructure maintenance:
97.0%

Active Buildout of 5G Coverage

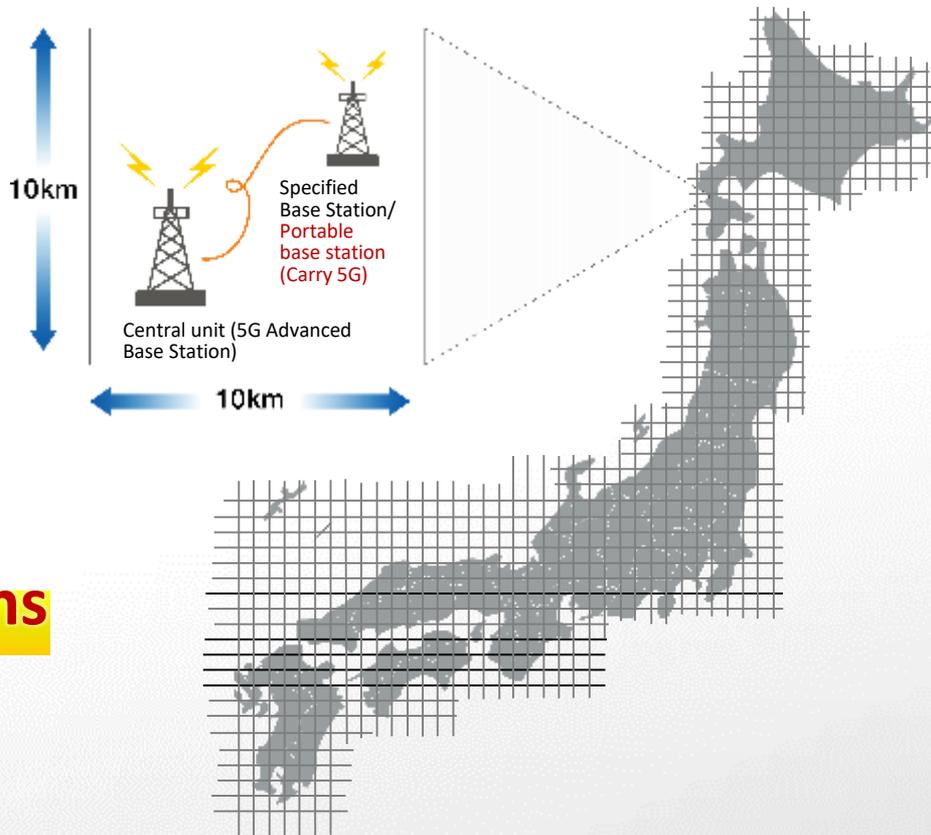


Flexibly handle area construction

Within
FY2023

Development rate of
5G infrastructure maintenance:

97.0%



Early
FY2020

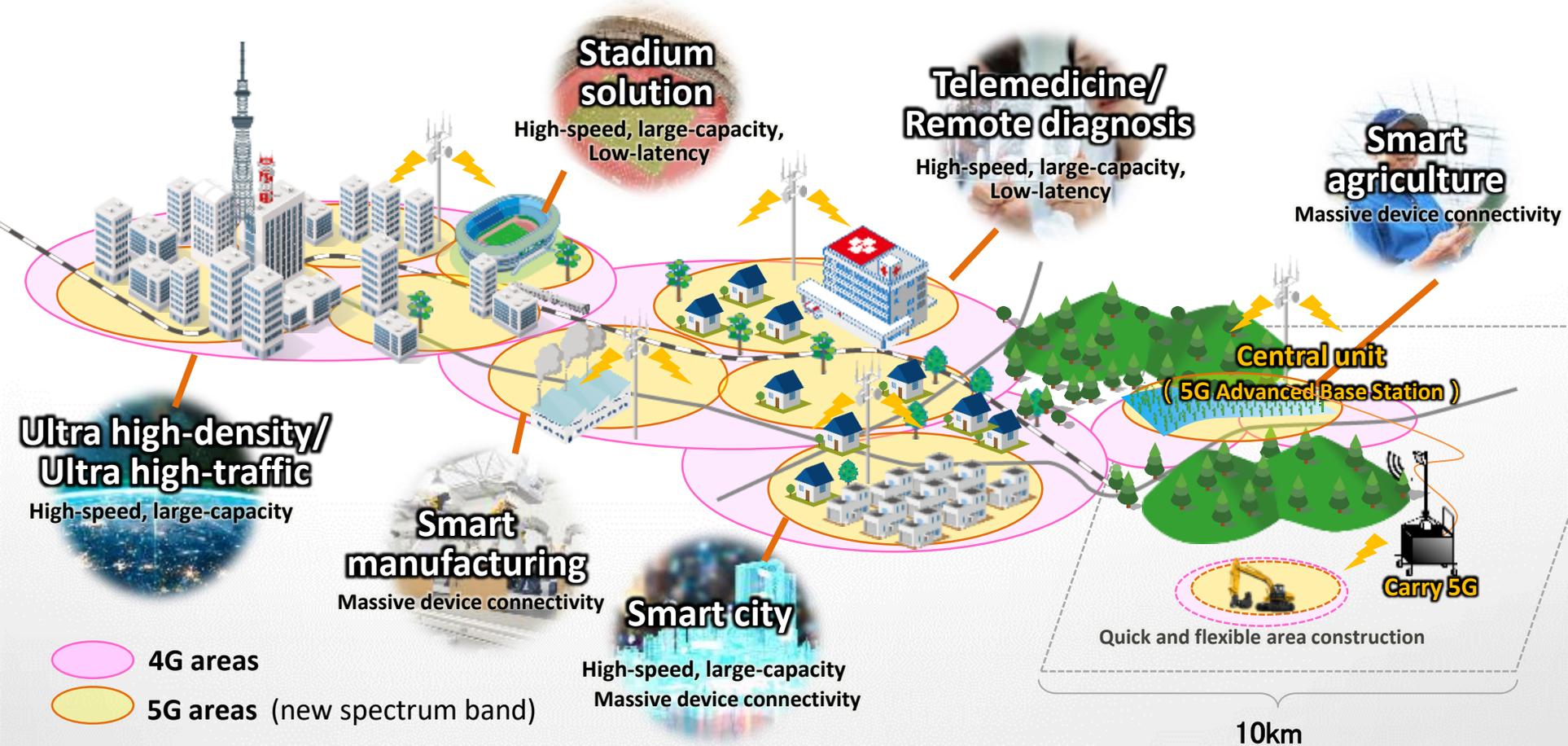
Deploy 33 units of

portable 5G base stations

(Carry 5G)

across Japan

Create New Value and Solve Social Issues with 5G



DOCOMO's 5G Initiatives

Network

Device

Service

Solution

Device

Smartphone

Active introduction of 5G smartphones
Aim to acquire 20 mil subs before end of FY2023

**Peripheral
devices**

Promotion of “MY NETWORK”

**Arena/
Stadium**

2020: **Kashima Soccer Stadium, Ibaraki**
2021: **Ariake Arena, Tokyo**

DOCOMO's 5G Initiatives

Network

Device

Service

Solution

Service



DOCOMO's 5G Initiatives

Network

Device

Service

Solution

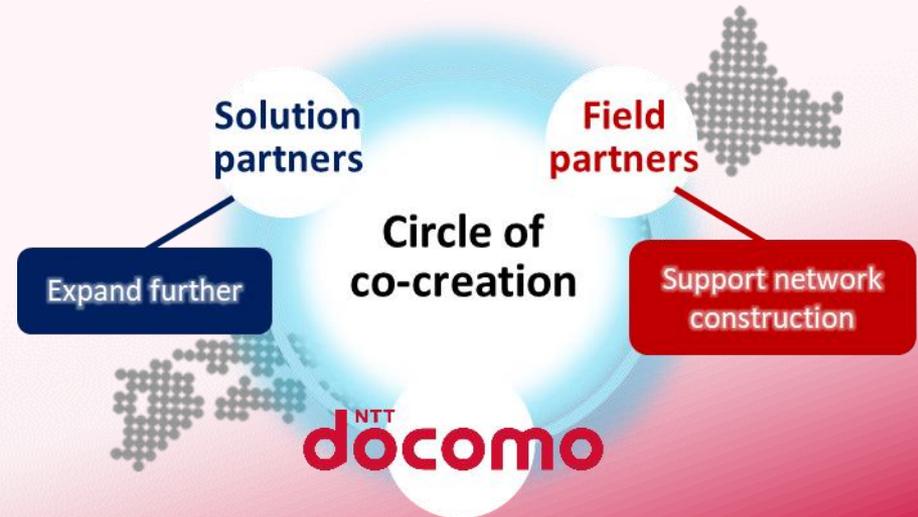
Solution

Solve social issues through business matching under
"DOCOMO 5G Open Partner Program"

Expand no. of partners to 5,000



Social implementation



DOCOMO's 5G Initiatives

Network

Device

Service

Solution

Active 5G coverage buildout, bringing forward deployment plan

Secure user base and "venues" where 5G can be experienced

Start offering services in the 4 areas of "music", "XR", "gaming" and "sports"

Expand no. of partners to 5,000 and promote business matching

From Day **1**
Service





Create new value in entertainment and sports

Music/Live

“Shintaikan Live CONNECT”

New feature:
8KVR Live



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スペシャルイベント

新体感ライブ CONNECT

With

SixTONES / Snow Man



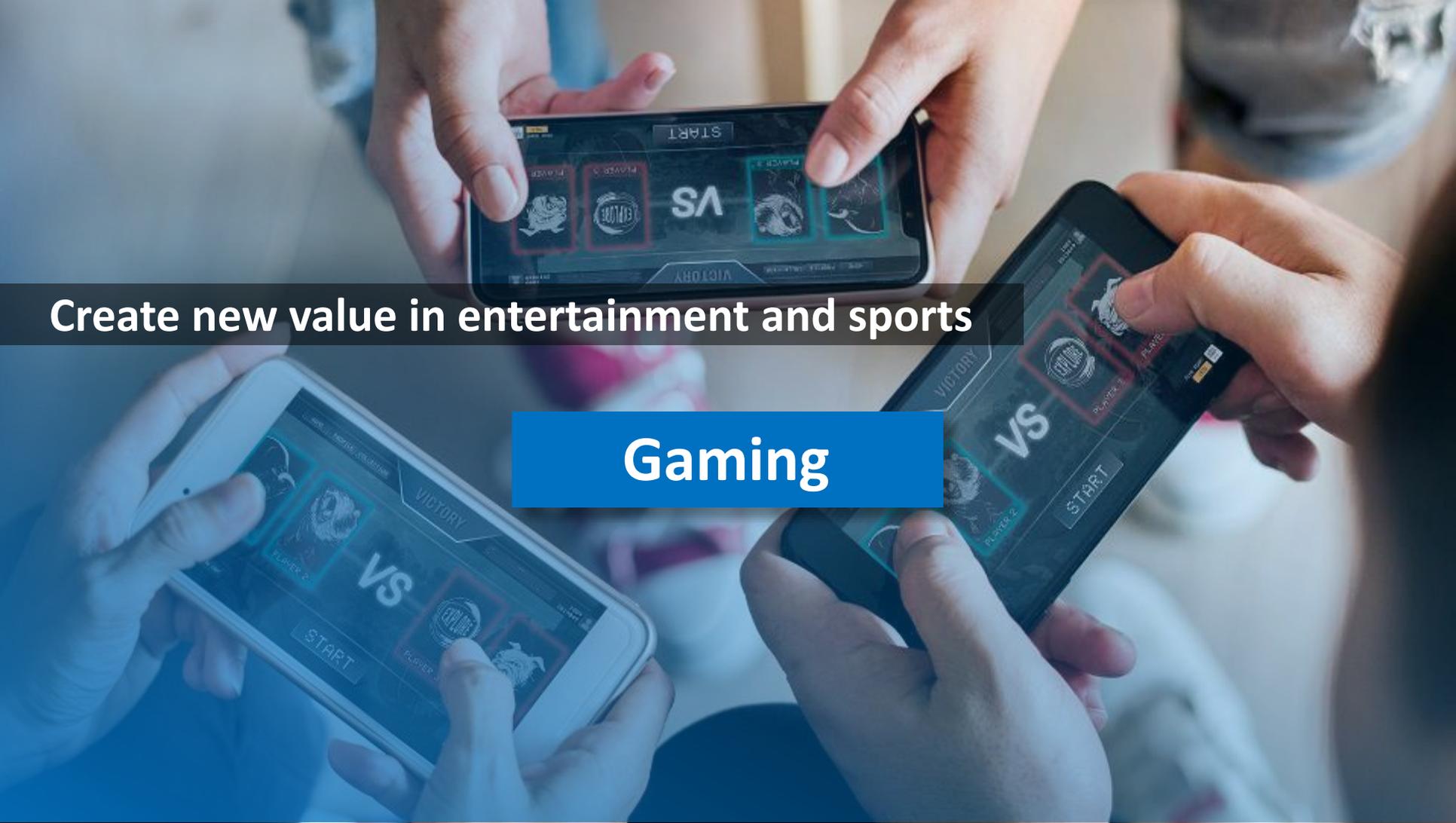
NTT docomo 》5G 中国移动 China Mobile 5G+咪咕



BORDERLESS
LIVE 5G

Virtual live transcending borders and dimensions
国境も次元も越えるバーチャルライブ

2020.03.21



Create new value in entertainment and sports

Gaming

A close-up photograph of three people's hands holding smartphones, all displaying the same mobile game interface. The game screen shows a 'VS' match-up between two characters, with 'START' and 'VICTORY' buttons visible. The background is blurred, showing other people in a social setting.

Revolutionary gaming experience
with 5G



Over 100 titles
to be provided
via "d GAME"

First Release in Japan as Cloud-Based Game



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**4K compatibility realizing highly immersive
“as-if-you-are-there” gaming experience**



©2016-2020 SQUARE ENIX CO., LTD. All Rights Reserved.
MAIN CHARACTER DESIGN : TETSUYA NOMURA
LOGO ILLUSTRATION : ©2016 YOSHITAKA AMANO

**Latest title of a popular series
that has been continuing since 1987**

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特報

Special News

5G x エヴァ

始動

5G x Evangelion
Starts Now

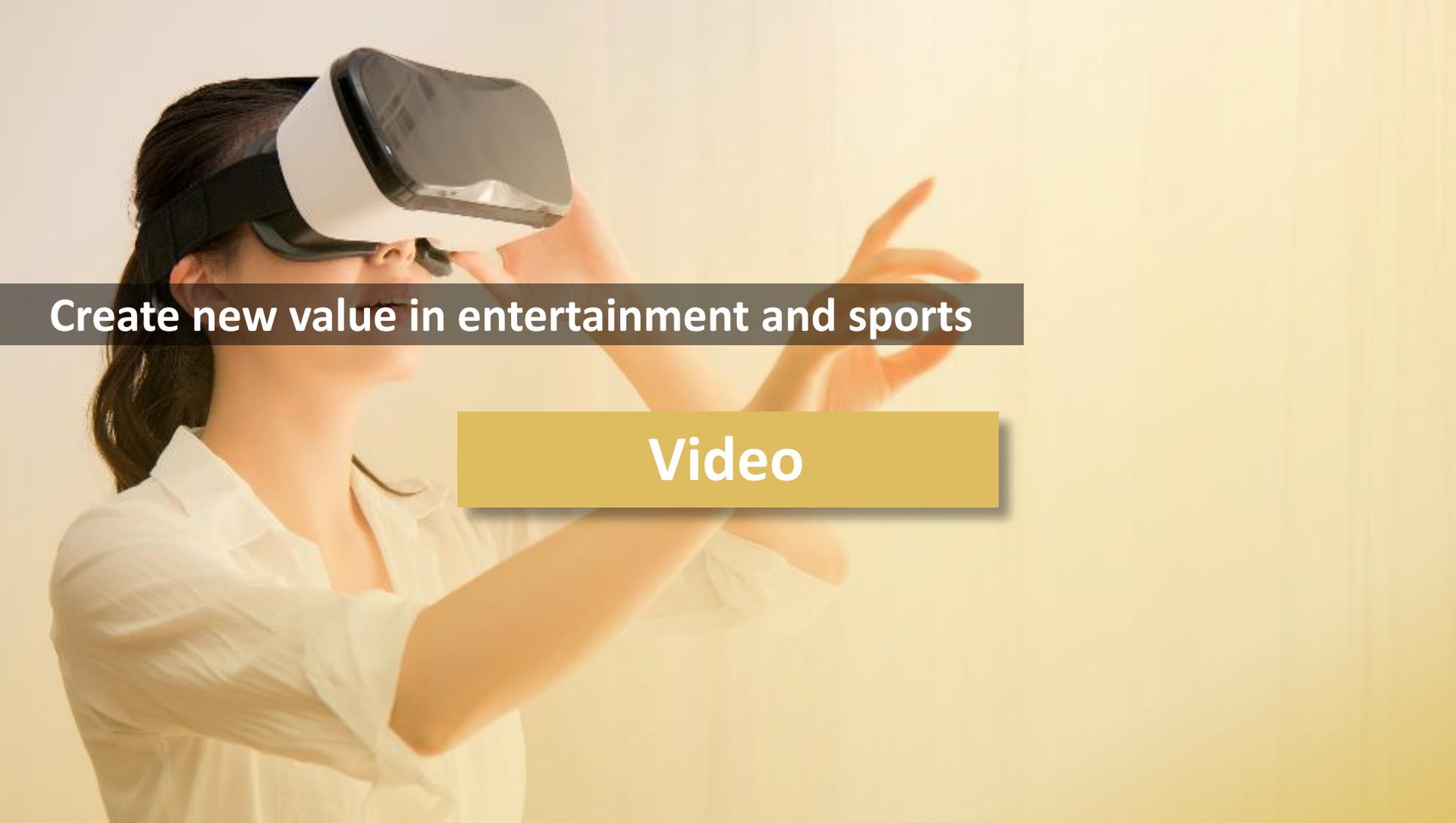
EVANGELION
BATTLEFIELDS

CINEMATIC 3D BATTLE GAME

2020 03 26

Multi-player simultaneous battles
leveraging 5G's characteristics!

©khara ©EVABF

A woman with dark hair tied back, wearing a white button-down shirt and a VR headset, is shown in profile. She is looking forward and gesturing with her right hand as if interacting with a virtual environment. The background is a plain, light-colored wall.

Create new value in entertainment and sports

Video



Multi-angle viewing



Automatically switches over between portrait (for animation) and landscape (for music videos) orientations



- View each scene from a camera angle of choice
- Up to six angles can be shown simultaneously!



Multi-Streaming Feature



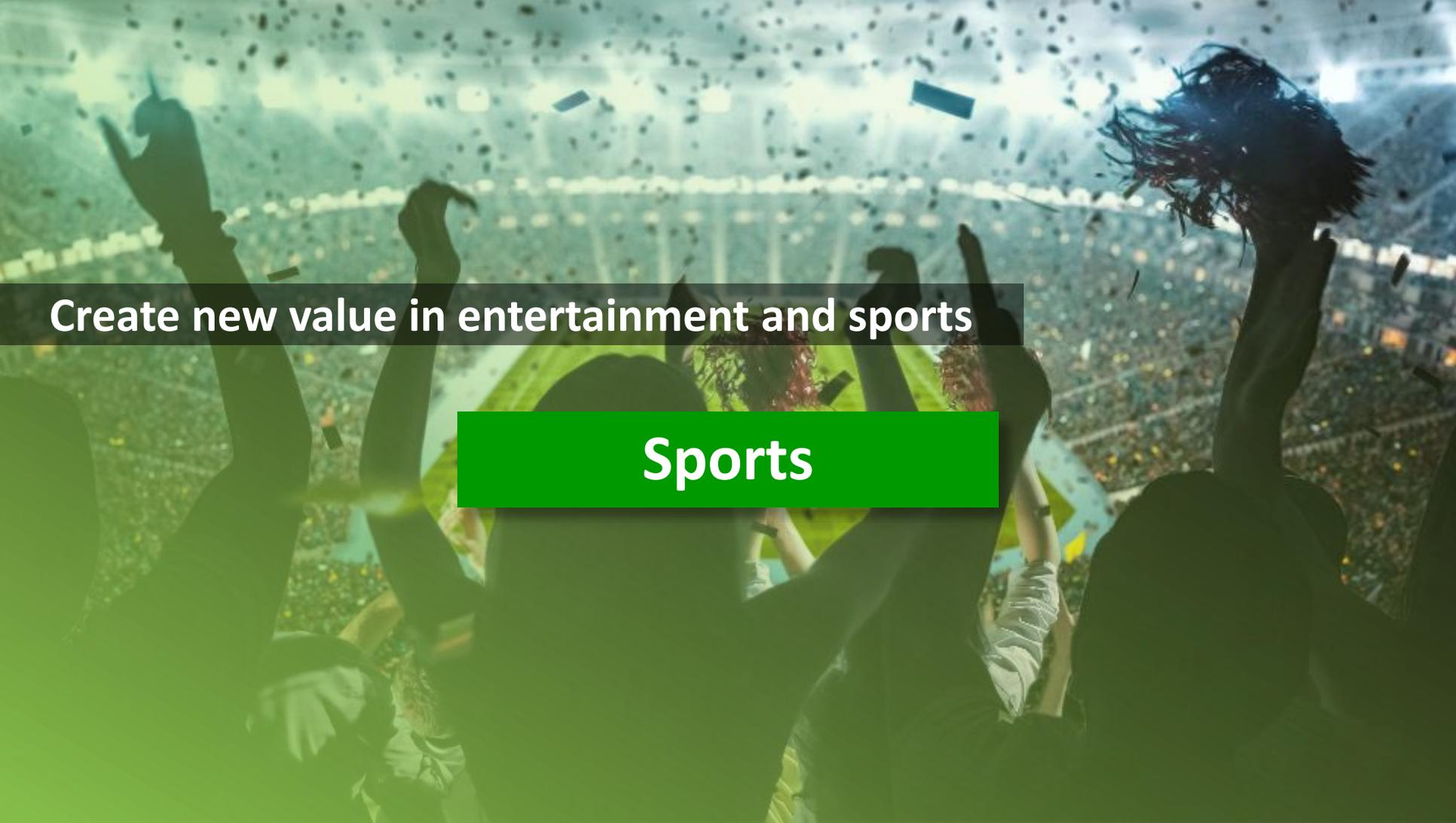
U-KAN TV
for docomo

Simultaneous viewing
of up to 7 programs^{*1}

*1: Contingent on device size

*2: Separate subscription is required for viewing of Premium Channels

*3: The multi-streaming feature can be used on docomo TV terminal app



Create new value in entertainment and sports

Sports

New Stadium Viewing Experience Enabled by 5G

Multi-angle viewing and provision of statistical data at J.LEAGUE soccer games

Illustrative image of app*



* Photograph above was taken from Meiji Yasuda J1 League Sec. 15 match between Kashima Antlers and Cerezo Osaka on Jun. 14 (Fri), 2019.

* Players of Kashima Antlers shown above are the starting members of Meiji Yasuda J1 League Sec. 1 match against Sanfreccce Hiroshima on Feb. 23 (Sun), 2020.

* Players of Cerezo Osaka shown above are the starting members of Meiji Yasuda J1 League Sec.1 match against FC Oita Trinita on Feb. 22 (Sat) 2020.

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T.LEAGUE

Selected as T. LEAGUE Top Partner from next season

Joint planning of official services
(Multi-angle viewing, digital content, etc.)



Advancement of video production
(Remote production, adoption of AI, etc.)



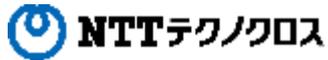
From Day **1**
Solution



Development of 22 Solutions through Co-Creation with Partners



TOPPAN



Orchestrating a brighter world

NEC



realnetworks.



Remote Work Support Solution

- AceReal for docomo -



- Reduced work hours to 1/4 by providing operational assistance from a remote location



High-Resolution Video Transmission Solution

- Live EX 8KVR -



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- Enables live 8KVR distribution by “customers,” i.e., our partner companies
- DOCOMO provides one-stop support from shooting to distribution of footage of events, etc.

Face Recognition Access Control Solution

- EasyPass powered by SAFR -



SAFR™
from *real*networks

NTT
docomo

- Face recognition service featuring the world's highest level of recognition accuracy and speed

Expansion of 5G Solutions and Social Implementation through Co-Creation with Partners

Social implementation

Industrial advancement

Workstyle reform

Community development

Education

Healthcare



Business matching

Service provision partners
(Solution partners)

Service utilization partners
(Field partners)

»5G

docomo 5G
Open Partner
Program



Service provision partner
(Solution partner)

Service utilization partner
(Field partner)

docomo 5G DX AWARDS 2020

The background of the slide is a photograph of a large audience seated in a conference hall, looking towards a stage where a speaker is presenting. Overlaid on this image is a network diagram consisting of several glowing blue circular nodes connected by thin white lines. Each node contains a different icon: a cloud with an upward arrow, a globe, a target, a group of people, a globe with a signal tower, and a document with a checkmark. The text 'Solicit distinctive techniques, products and services that offer strong synergies with 5G' is centered over the image in a large, white, sans-serif font with a blue glow effect.

Solicit distinctive techniques, products and services
that offer strong synergies with 5G

Service provision partner
(Solution partner)

Service utilization partner
(Field partner)

Network Customization



Wireless consulting



Carry 5G



Local 5G buildout support



MEC



Stadium solution



Smart factory



Remote surveillance solution



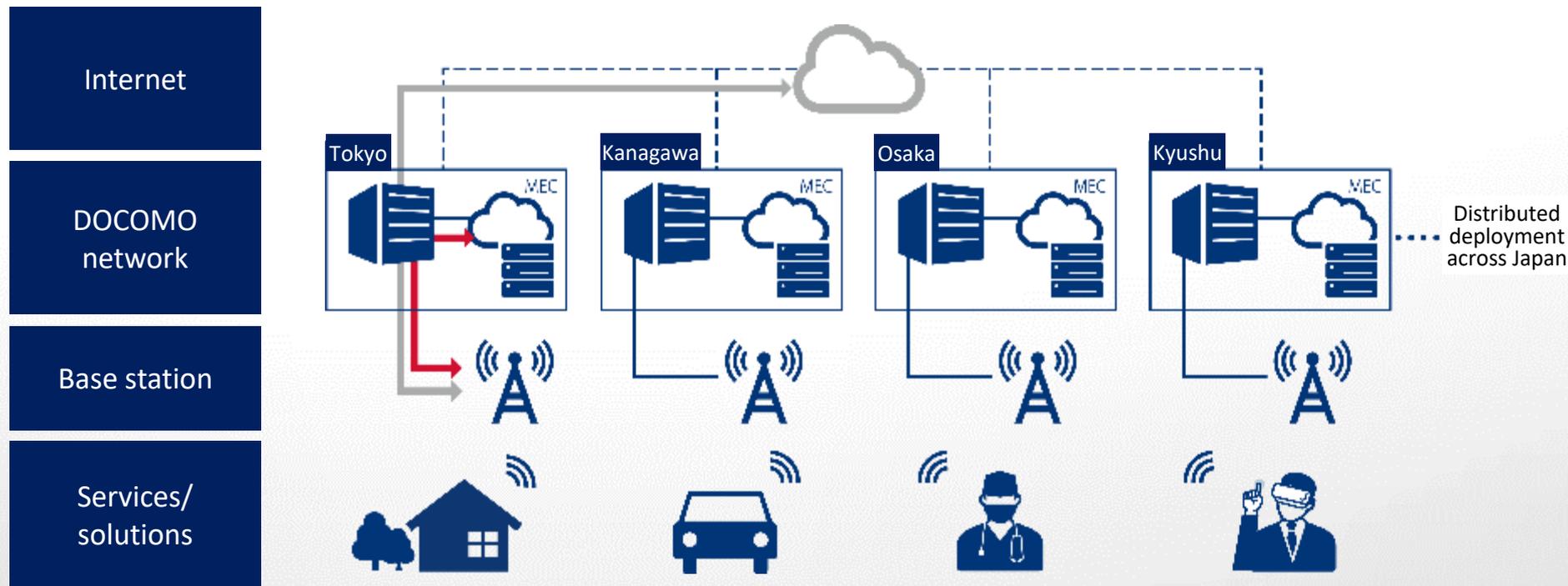
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Service provision partner
(Solution partner)

Service utilization partner
(Field partner)

Open Innovation Cloud™

Started offering cloud service realizing low latency



From Day **1**
Device





Galaxy S20 5G

To be released

March 25

- Approx. 64M pixel telephoto camera
- 8K video recording

Transmission speeds

Max. download: 3.4Gbps
Max. upload: 182Mbps





AQUOS R5G

To be released

March 25

- 8K video recording
- “Focus playback” that automatically recognizes and tracks movement of people, etc. recorded in video.

Transmission speeds

Max. download: 3.4Gbps

Max. upload: 182Mbps

LG V60^{ThinQ} 5G

To be released

In or after late April

- Groundbreaking operability realized by the multi-tasking, dual-screen device
- Able to use one of the displays as a game controller

Transmission speeds

Max. download: 3.4Gbps

Max. upload: 182Mbps





XPERIA 1 II

To be released

In or after late April

- Triple-lens camera incorporating high-quality ZEISS-branded LENS
- World's first* AF/AE continuous tracking for high-speed shooting at max. 20 frames per second

Transmission speeds

Max. download: 3.4Gbps

Max. upload: 182Mbps

* For smartphones, as of Feb. 23, 2020. (Based on survey by SONY Mobile Communications, Inc.)

Galaxy S20+ 5G

To be released

In or after late May

- Large 6.7-inch display, 4,500mAh large-capacity battery
- Best-in-class spec and performance with RAM12GB

Transmission speeds

Max. download: 4.1Gbps*
Max. upload: 480Mbps*

*Speeds above are planned to be provided in or after June 2020.





Galaxy S20+ 5G

Olympic Games Edition

To be released

In or after June

- Tokyo 2020 Olympic Games edition

Galaxy



WORLDWIDE PARTNER

Transmission
speeds

Max. download: 4.1Gbps*

Max. upload: 480Mbps*

*Speeds above are planned to be provided in or after June 2020.

arrows 5G

To be released

In or after late June

- Fast launch of apps
- Adobe's auto correction features realizes professional-quality finishing just by a release of shutter

Transmission speeds

Max. download: 4.1Gbps*

Max. upload: 480Mbps*

*Speeds above are planned to be provided from summer 2020.



Wi-Fi STATION



To be released

In or after late May

- Wi-Fi router compatible with 5G
- Compatible with Wi-Fi6, built-in high-speed wired LAN port

Transmission speeds

Max. download: 4.1Gbps*
Max. upload: 480Mbps*

*Speeds above are planned to be provided in or after June 2020.



Galaxy S20 5G



AQUOS R5G



LG V60 ThinQ 5G



XPERIA 1



Galaxy S20+ 5G

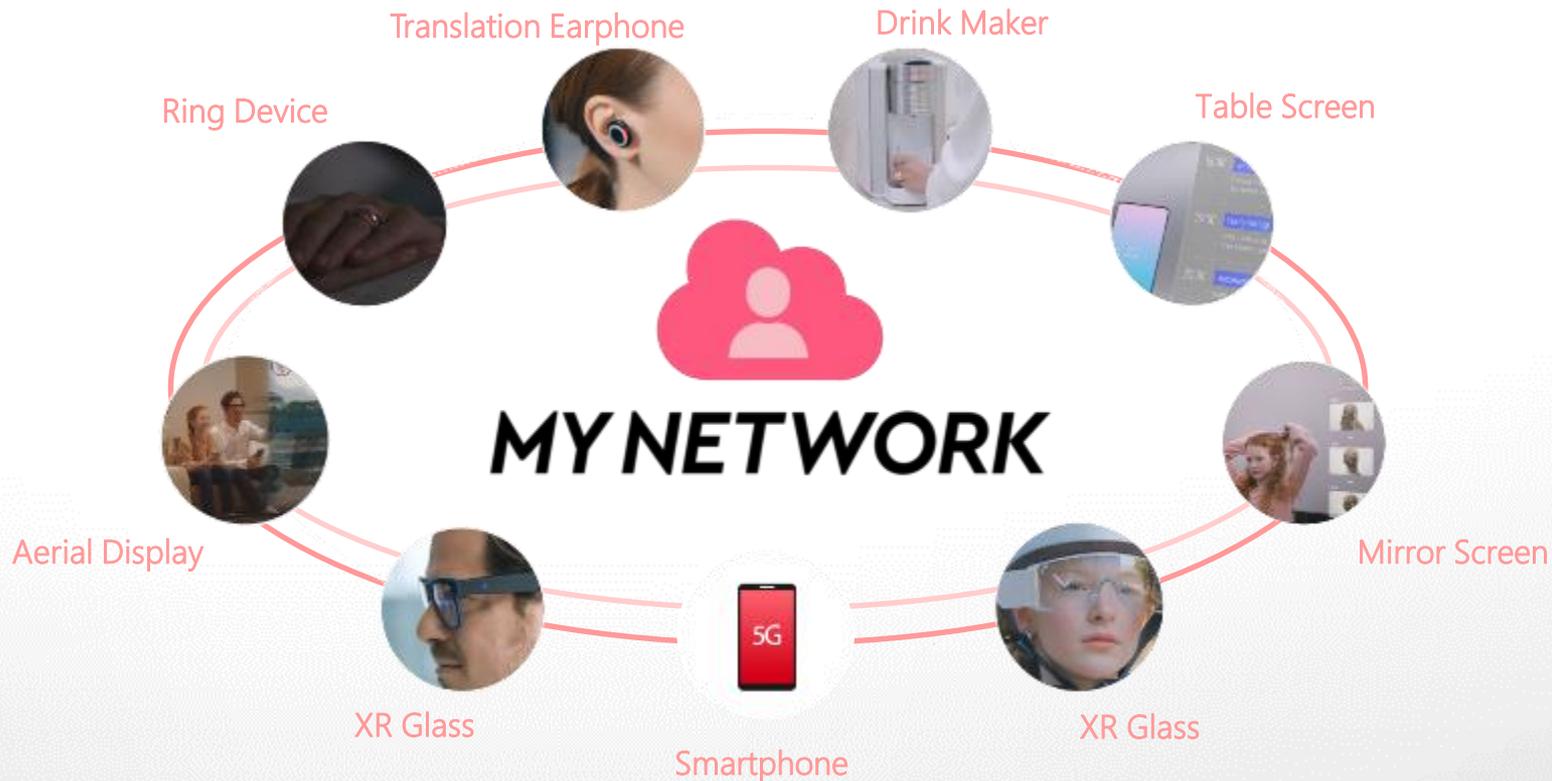


arrows 5G



Wi-Fi STATION

5G Era: "Expansion" from Smartphones into Other Devices





Magic Leap 1

**To be released
in or after May**

スマホおかえし
プログラム

Sumaho Okaeshi Program

Made available also to users who aren't Docomo mobile service subscribers

5G WELCOME割 5G Welcome Wari





XPERIA 10i



arrows Be4



Galaxy A41



LG style 3



dtab



Galaxy S20 5G



AQUOS R5G



LG V60 ThinQ 5G



XPERIA 1



Galaxy S20+ 5G



arrows 5G



Wi-Fi STATION



magic leap



XPERIA 10



arrows Be4



Galaxy A41



LG K91 5G



dtab

5G Service Experience Corner

PLAY »5G

Corners where visitors can experience 5G services to be provided at docomo Shops in all prefectures of Japan

PLAY 5G Corner

to be rolled out in phases
at **102 shops**

by **March 27, 2020**





New Rate Plans for the 5G Era

»5G **ギガホ**

Gigaho

»5G **ギガライト**

Gigalight

To start
March 25,
2020

»5G **ギガホ** Gigaho

Giga Museigen ^{*1*2*3}

For up to 6 months:

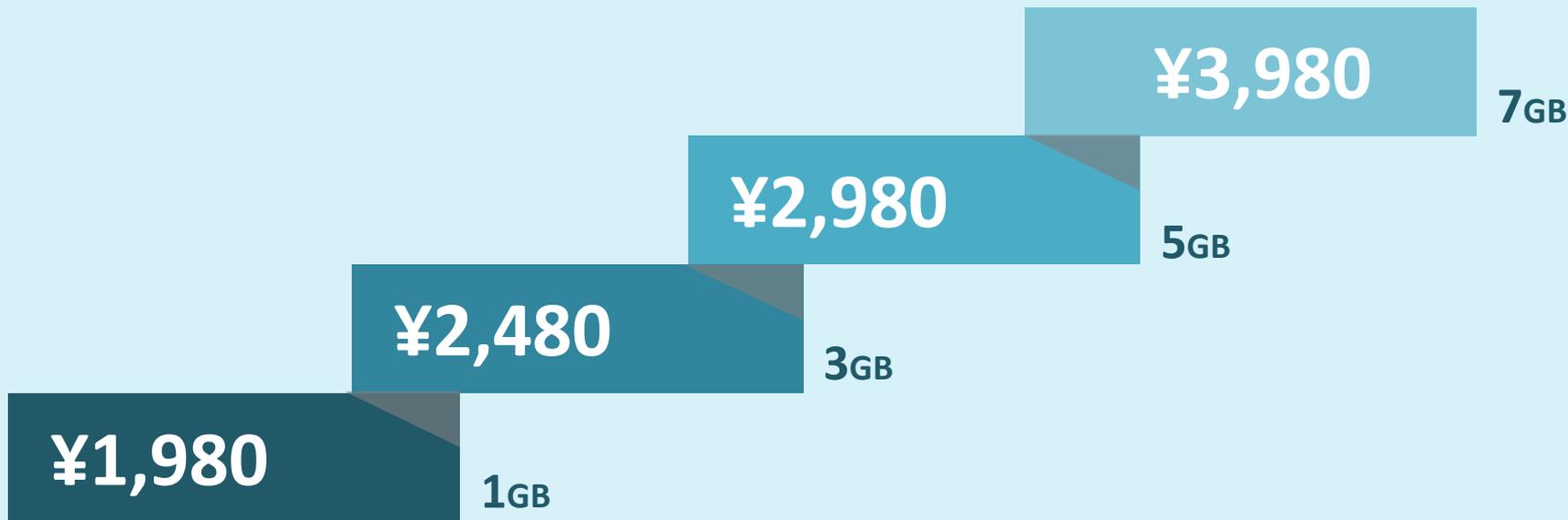
¥4,480/month ^{*4*5} (without tax)

(From 7th month: ¥5,480/month without tax)

*1: Unlimited usage is only for domestic communications. *2: Requires application to "5G Gigaho" plan during campaign period. *3: Up to 100GB/Month after campaign period. *4: The rates above do not include administrative service fees and voice communication charges. *5: The monthly rate for users with subscription to "docomo Hikari" and three or more mobile lines with family and have agreed to pay monthly phone bill with "d CARD."

》5G キガライト Gigalight

A pay-as-you-go plan based on data usage!^{*1}



*The rates above are all tax exclusive.

*1: The above are rates after applying “d CARD Oshiharai Wari,” “docomo Hikari Set” discount and “Minna DOCOMO Wari” (3 lines) discount.



To Start March 25

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