

# TmaxOS

Product Information

CONVENIENT

SAFE

SMART

POWERFUL

## TmaxOS

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## Korea's Largest, Professional Company for Operating System Enterprise **Leading the Expansion of OpenSource OS**

TmaxOS provides smart digital innovation to both individuals and businesses through an OpenSource OS, remote-access solutions, and a video conferencing solution that leverages new technologies like AI, Metaverse, and Cloud services.



Greetings.

TmaxOS has pioneered the OpenSource OS market to bolster national competitiveness, grounded in the growth of domestic software.

In a world continually expanding due to technological developments, TmaxOS aspires to be a company with novel goals and visions for the global market.

We offer all individuals and corporations "Smart Digital Transformation," via an OpenSource OS with enhanced security, remote-access solutions, and video conferencing solutions.

We plan to create a new world with SuperOS, the core engine of SuperApp.

We thank you and everyone who supports us. We pledge to be the global company that leads "The OpenSource Operating System Market".

Thank you.

**TmaxOS** | CEO Gangsik Hong

### OS Product

#### **TmaxGooroom**

**Level Up Affinity, Compatibility, and Utilization!**  
**The Leading Domestic Open-source Operating System**

A user-friendly opensource OS, perfected with TmaxOS technology

#### **TmaxGooroom SD**

**Optimized Public Security Standards**  
**OS for remote access devices**

An open-source OS, amalgamated with the National Security Technology Research Institute's Gooroom security framework and TmaxOS security capabilities, specifically for remote access devices

#### **TmaxGPMS**

**Consolidate Gooroom Device, PC, and User Management in One Place**  
**A Comprehensive Integrated Management Solution**

A potent integrated management solution that provides robust security, offering comprehensive authentication and management functionalities for accessed Gooroom-based devices, PCs, and users

#### **HyperMeeting**

**Experience Convenience and Safety Anytime, Anywhere**  
**An integrated Video Conferencing Solution**

A smart, user-friendly, and secure video conferencing solution, applicable to various sectors such as business and education



# **TmaxGooroom**

## CONVENIENT

TmaxGooroom is an Opensource Operating System which TmaxOS has developed and gives users a convenient and familiar OS environment.



Start Menu

Dock Bar

Notification Center

### What's Tmax Gooroom?



#### An Easy OS for anyone to use

TmaxGooroom is simple and convenient to use, even for first-time users, due to its intuitive UI/UX design.



#### Supports for the latest devices

Utilizing Gooroom 3.0, TmaxGooroom offers compatibility with all the latest devices, including virtual keyboards, and stylus pens.



#### TmaxGooroom is optimized for existing work environments.

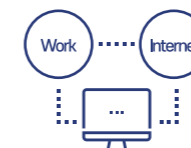
TmaxGooroom can operate as a GuestOS on VDI solutions, providing an optimized environment.

### References



#### PC OS

TmaxGooroom is available for download on public office PCs, offering support for video conferences and the usage of Office programs.



#### Internet PC OS in Net Separation DaaS environment

TmaxGooroom reduces costs when implementing a government net separation DaaS environment.



# TmaxGooroom SD

SAFE

TmaxGooroom SD is an operating system for remote access devices, which combines NSR's Gooroom Security Framework and TmaxOS's Technologies. It provides a secure office and remote work environment on a single PC.



## Gooroom Security Framework

### Secure Boot

OS integrity inspection when devices boot

### OS Protection

Real-time OS inspection and stops working upon infection

### EXE File Protection

Executes file after the decryption password

### Browser Protection

Security differential application function in each browse

### Full Disk Encryption

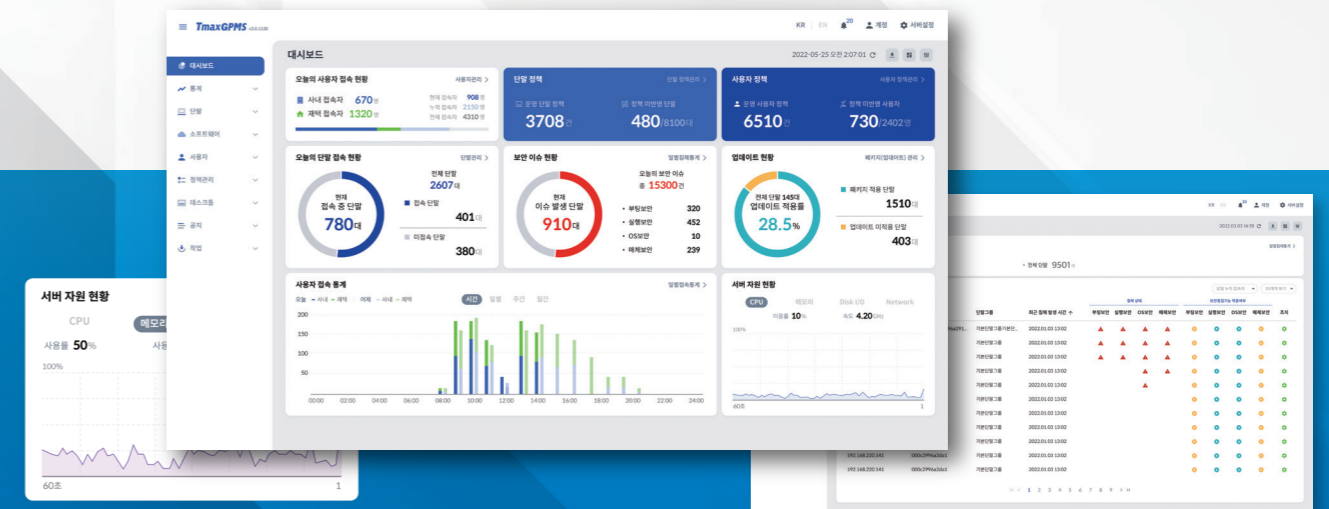
Device Hard Disk Encryption



# TmaxGPMS

SMART

TmaxGPMS is an integrated management solution which offers all management functions of Gooroom-based devices, PCs, and user authentication, connected to the target network via strong security



## What's Tmax Gooroom SD?



### Meets Korea National Intelligence Service's Remote Work Security Requirements

The integration of the Gooroom Security Module and FDE Application ensures a secure environment from device boot-up



### Enables to work at office/home with one PC

Tmax Gooroom SD's VPN Prior Authentication supports Safe Internal Network Access.



### Customizes the access process to suit each unique work environment.

Offers two-factor authentication such as OTP, SMS, and supports VDI Solution Interlock in a net separation environment.

## References



**Business Trip**  
Devices support remote work employees



**Work From Home**  
Devices support work -from home employees



**Smart Office**  
Hot Desking



**Short-term Projects**  
Provides for outsourced Personnel

### Introduction of Pilot Project for Work Laptops for Public Officials

The project for introducing business laptops adheres to security regulations and manages tasks with no constraints on time and location, thereby enhancing the handling of civil complaints and field administration.

At Office



Internal network access support  
Hot desking application support



At home / on a business trip / from remote work

Internal Network Access Supports only after devices/users / VPN Prior authentication

## What's TmaxGPMS?

Provides an integrated management function for Gooroom-based access devices, PCs, and users

### Media Control

Storage Media and I/O Equipment Control  
OS Access allow/block control



### SW Control

Whitelist based SW control  
SW usage status monitoring



### NW Control

Network connection allow/block control  
Whitelist based SSID Control



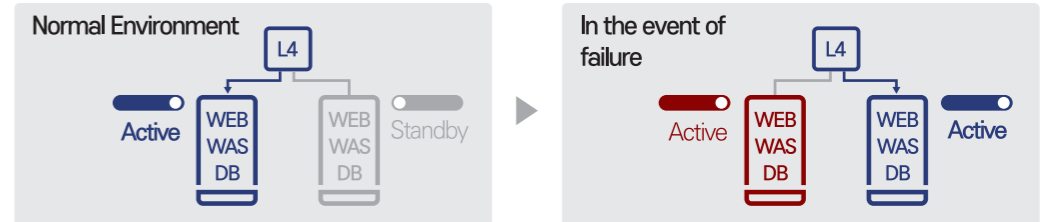
### Website Control

Website access URL control  
White/Black list selection control

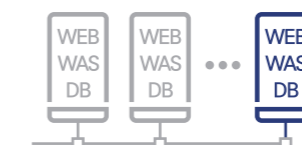


## Ensures Stability with Redundancy Configuration

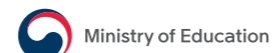
Ensures small to medium scale customer environment stability with Load Balancing and HA Configuration.



## Offers High Availability through K8S Application



Supports medium to big scale customers' horizontal expansion with clustering.



Meeting that always goes well, **HyperMeeting**

# HyperMeeting

## Our Integrated Video Conferencing Solution

offers a convenient user experience, improved communication efficiency, and it exceeds the limitations of existing systems.

HyperMeeting is a secure, smart, and convenient video conferencing solution that can be leveraged in various fields such as business and education.



**A Convenient and Secure User Environment**

Enables easy and secure conferencing on PCs and mobile devices.



**Features for Business Conference Collaboration**

Offers video conferencing with chat, screen sharing, whiteboard features, and more.



**Educational Video Conferencing Features**

Provides specialized educational features such as Quiz, Survey, and Small group.





Sticker



Screen Sharing



Whiteboard



Chatting



Small Group



Quiz & Survey

 GS(Good Software) Certified Product by Korea Testing Laboratory

K-Voucher Supply Company

## Whether for **business or education** HyperMeeting Always satisfies your needs.



### Liberated service on PC and Mobile

- Provides a service environment free from device, OS, or browser constraints.
- Support for high-quality video is based on WebRTC\* source technology.
- Accommodating up to 500 people per room

\* WebRTC is an API designed to facilitate communication between web browsers without the need for plug-ins. It serves as the core technology for real-time WebRTC meetings.

### Provides Optimized functions for Education

- Provides 16 customizable layouts for in-depth discussion, mentoring, etc., frequently utilized in educational settings.
- Allows for the creation of small groups by specifying participants.
- Provides collaboration tools such as screen sharing, file/video sharing, whiteboard, etc.

### Real-time learning participants management

- Monitors and encourages participants based on DB.
- Provides insight into teaching and learning strategies based on participants' activity database.

### Convenient service integrated with customer's legacy system

- Effective service utilization through integration with SSO / Organizational Chart
- Enhances business convenience with collaborative solution.



### Use Cases

- HyperMeeting provides real-time smart video conferencing environments in a variety of areas, including public, education and enterprise.



Ministry of Science and ICT



Ministry of Personnel Management



Chungnam National University



Korea Democracy Foundation



Ministry of SMEs and Startups



SEOUL METROPOLITAN OFFICE OF EDUCATION



한국기술교육대학교 KOREA TECH



OUTBACK STEAKHOUSE



EPIS Korea Agency of Education, Promotion and Information Service in Food, Agriculture, Forestry and Fisheries



National Institute for Lifelong Education Planning



Haesung Optics\*