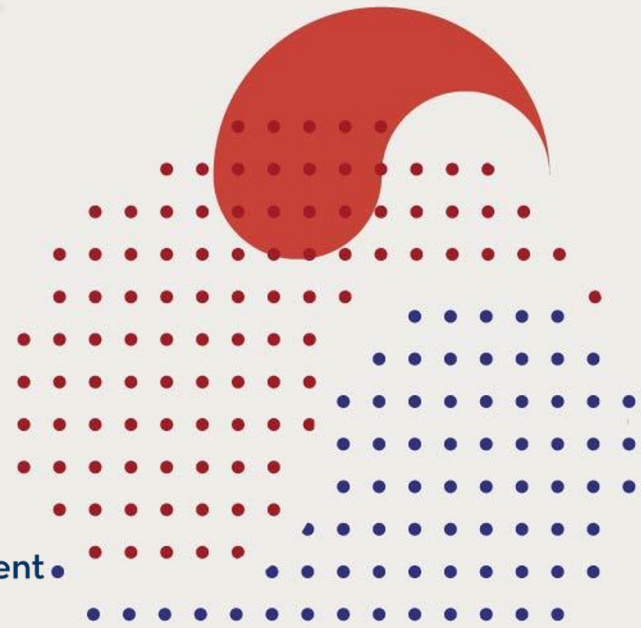




Starting the Journey to Digital Platform Government

June 7th,
2023



Road to the Presidential Committee

2022, JAN



“Campaign Promise ;
Digital Platform Government
Initiative”

2022, May

TF on DPG
Presidential Transition Committee

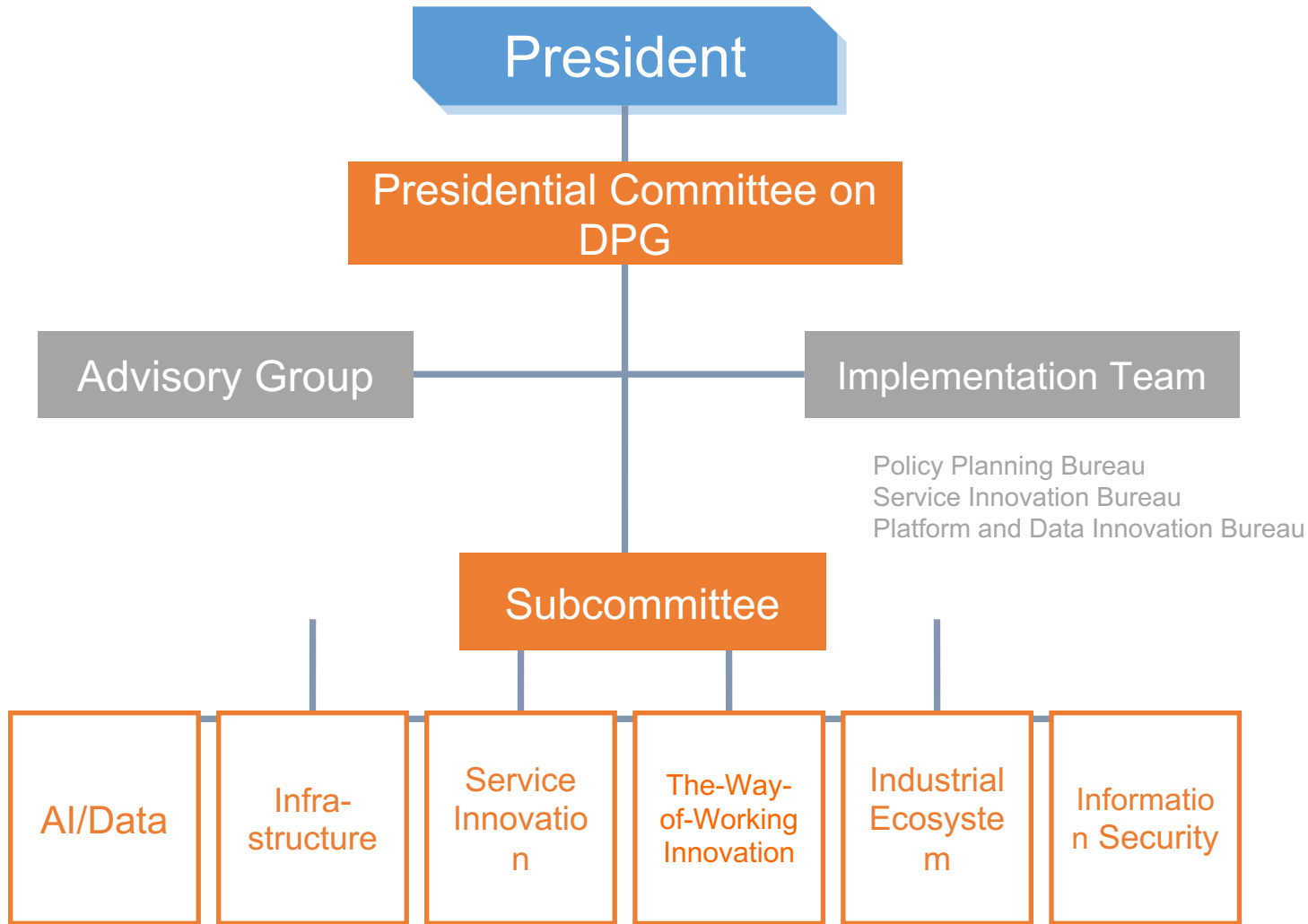


2022, Sep 2



Launch of PCDPG with President

Organizational Chart of the Presidential Committee on DPG



PCDPG

- Composed of 19 top experts in AI, data, security
- 4 ministries (MOFE, MSIT, MOIS, PIPC)

6
Subcommittees

Participated by relevant experts from industry, academia, and research circles (53)

Secretariats
(64 people)

- 14 ministries, 3 Local gov't
- 14 public institutions

Advisory
Group

Provide guidance from experience

Specialized
Institutions

Partners for a technical support and project implementation

Presidential Policy Brief

2023.04.14

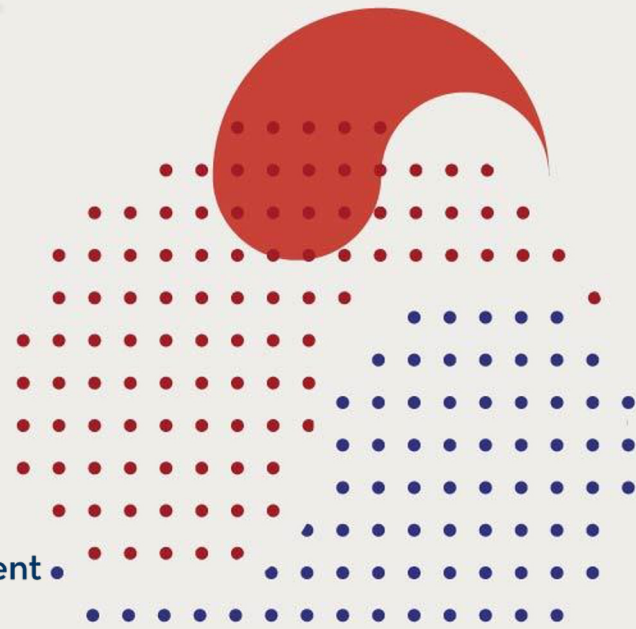
Presidential Policy Brief on “Digital Platform Government Strategy” in Yeongbin-gwan Bluehouse



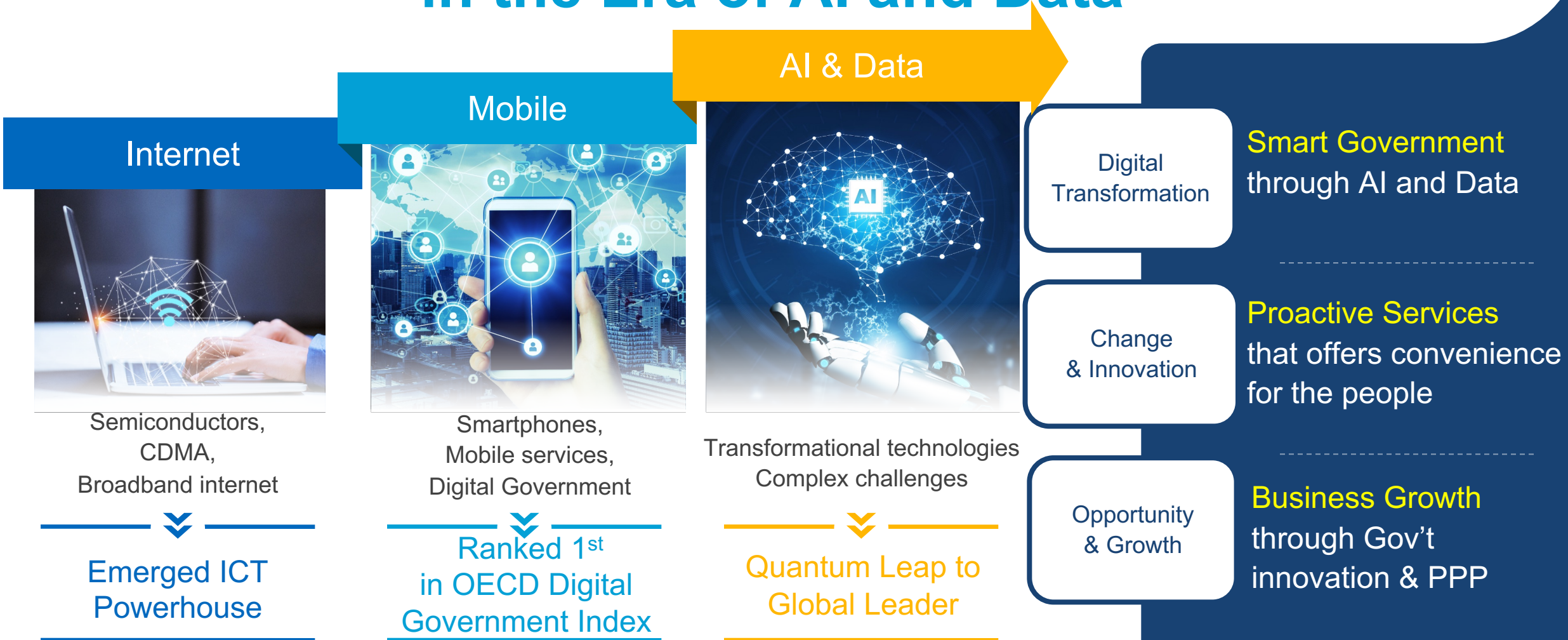


National Strategy for Korea's Digital Platform Government

June 7th,
2023



An Opportunity for Korea's Next Quantum Leap in the Era of AI and Data



People and business-centric Digital Platform Government

0

People-centric service

- No in-person visits
- No required documents
- No waiting in line
- No cracks in social welfare



Platform for
People's Happiness

1

One-team government

- Elimination of ministry silos
- Single window government
- Seamless connectivity between executive & judiciary
- Data connectivity between Central-Local government



Platform for
Government Innovation

∞

Boundless business growth

- New industries
- New business opportunities
- Growing startup ecosystem
- Advance in global markets



Platform for
Business Growth

World's leading **Digital Platform Government** Powered by AI & Data



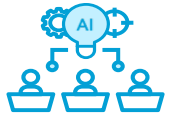
People-Centric Government

- Single-Entry Point
- Proactive services
- Flagships, *People's "Dream" Projects



One-team government

- Removal of data silos
- AI & Data-driven administration
- Innovation of infrastructure for one Gov't



Key Initiatives

Growth platform of public-private collaboration

- AI & Data as a national strategic industry
- Supporting of the GovTech industry
- Regional Expansion of DPG innovation

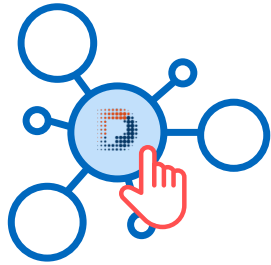


Trustworthy platform government

- Enhancement of the right to personal information
- New security systems against new threats
- Secure global competitiveness in the cybersecurity industry



A People centric government



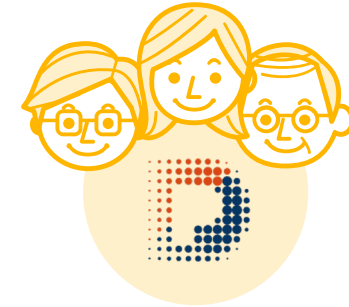
Single-Entry Point

- ☐ All government services accessible in one place
 - 1,500 types of public services (certification, Tax report, Welfare benefit applications) to be connected/Integrated by 2026
- ☐ Single Sign-On with one ID



Proactive Services

- ☐ Notifications system with customized benefit updates
 - Relevant recommendations expanded to 1,021 types by 2026
- ☐ Digital wallet with personalized notifications



Digital Welfare

- ☐ People's "Dream" Project to meet social needs & address social challenges
 - (2023) 26 projects (KRW 143.5 bn) including Portal for Young Adults, AI Welfare Assistant

One-team government

Removal of Data Silos

- Remove legal hurdles for data use & sharing
- Convert key documents to AI-readable formats
- Seamless data connectivity b/w executive & judiciary branches
- Digital transformation of analogue administrative processes
 - Introduce a digital substitute for seal imprints, No paper attachments,

AI & Data-driven Administration

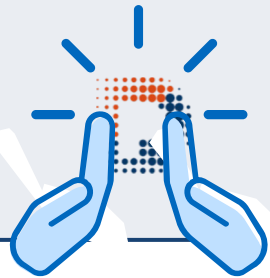
- Require data analysis for policy decision-making
- Create world's first use case of hyper-scale AI in government settings
 - Deploy in the field for welfare services & Civil petition, Help make better policies

Innovation of Infrastructure

- DPG Hub to connect & converge public-private sectors
 - Data convergence infrastructure, Hyperscale AI-based infrastructures, Public service building blocks across government, + more
- Make government systems cloud-native
 - 70% of relevant systems by 2026



Collaborative private-public platform



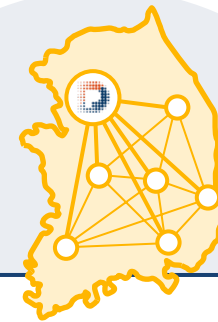
AI & Data as a National Strategic Industry

- Expand hyper connected digital twins to drive growth in the AI & Data industry
 - Starting with key infrastructures (Transportation, Safety, Energy and others)
- Open public data that is in high demand to people and businesses
 - Business registration info, Car registration info, Public transportation use info + more



Promoting GovTech Industry for Government Innovation

- Open more public services to be accessible through private apps
- Nurture 10,000 GovTech companies including SaaS
- Expedite deployment of innovative services by simplifying government system development processes



Regional Expansion of DPG

- Form a nation-wide DPG innovation network with regional hubs
 - Support AI, Data, Computing resources
- Establish DPG consultation body between central-local gov.
- Restructure Local Administration Integrated Information System

Trustworthy platform-based government

Enhancement of the right to personal information

- ❑ Develop new 'Personal Information control & Management system'
- ❑ MyData Hub
- ❑ Introduce 'Personal Data Safety Zone'



New security systems against new threats

- ❑ New security system fit for open/sharing environment
 - Zero trust, Supply-chain security, +
- ❑ Public-private collaboration for security
 - Public-private shared monitoring, Standing response team

Secure Global Competitiveness in the Cybersecurity Industry

- ❑ Homomorphic encryption, AI, and other latest security tech applied in the public domain
- ❑ Lead global standard by setting security standards for the cloud environment

04 Milestones

2023

Momentum gaining through public awareness

Open key public data for businesses use
(Business registration no., Car registration no., +)

Digital integration in earnest with the Supreme Court
(Certificate of family relations, Land register info, (Form) From an existing PDF to DATA)

People's Dream Project
Integrate policy platform for the young
Notify services proactively for vulnerable households
Housing subscription, SME/Start-up support info made available on private platforms

Regional Expansion of DPG
Establish nation-wide DPG innovation network across the region
Form DPG consultative body of central-local governments

2024

Infrastructure building to expedite innovation

Integrate major systems & services as Gov24, Home Tax, Bokjiro

Build DPG Hub infrastructure
Infrastructure for public-private data convergence
Infrastructure for hyperscale AI utilization
Testbed for startup innovation
Marketplace

Restructure Local Administration Integrated Information System

All docs made AI-readable in generation/Storing/Disclosure (Press release, Reports)

Hyperscale AI across gov. (Gov AI)

- Policy: Hyperscale AI for admin. work across gov.
- Welfare: Launch "AI Welfare Assistant"
- Service: Pilot conversational bot for civil service
- Safety: Crowd density risk assessment and forecasting system

2025

Full Roll-Out to Mature Stage

Administrative procedures going fully digital
Zero attached papers
Fully online service for civil petitions

Digital substitute for seal imprint

Data analysis for major projects to a norm
(Data analysis report to be included in policy design)





Building digital twins in 4 major sectors
(Transportation, Safety, Energy, Urban)

Zero Trust, Supply chain security

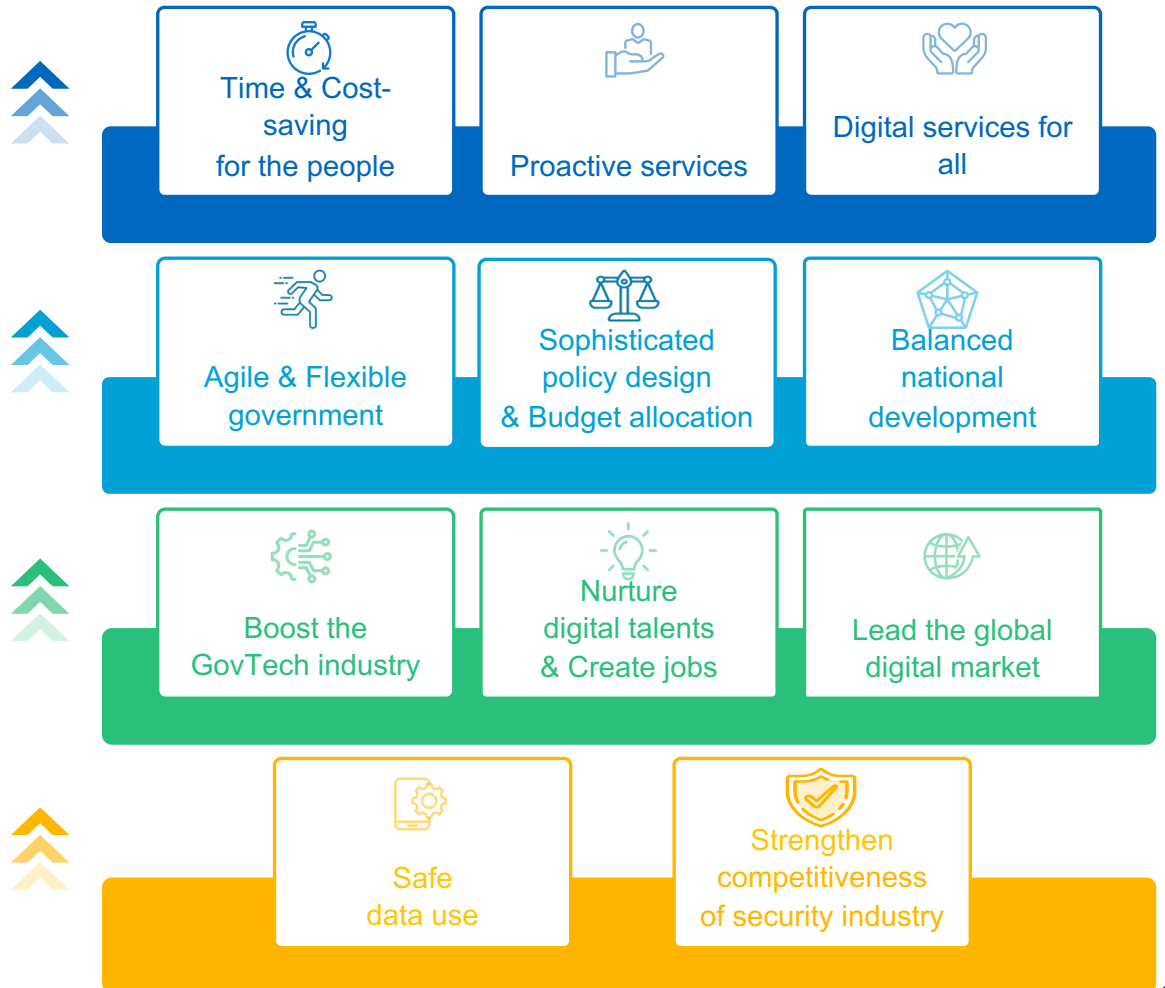
Devise system for controlling and managing personal info


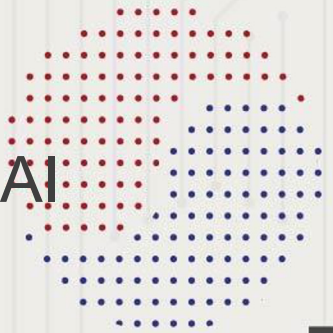
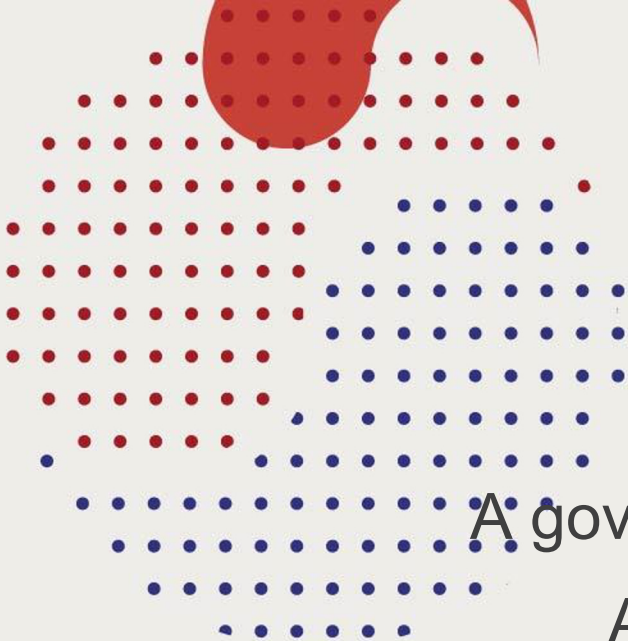
05 Expected Achievements and Values of DPG

DPG's Major Expected Achievements (2026)

 People-centric government	Integrate 1,500 types of public services in single domain
	Benefit notification for 1,021 services
	Save KRW 2tn with zero required documents
 One-team government	Reduce paper use in public domain by 50%
	70% of relevant systems to cloud-native
	Integrate local gov. currently divided into metropolitan & Municipal gov.
 Collaborative Private-public platform	Nurture 10,000 SaaS businesses
	Nurture 5 AI unicorns
	USD 2 billion in DPG exports
 Trustworthy platform-based government	Construct MyData Hub system for major sectors – public service, Finance, Communication
	100% security with new security systems and latest tech

Value created by DPG





The **most dynamic** country
A government that **serves** 24/7 the **smart** way with AI
A future of **thriving** people and businesses

created by
the **Digital Platform Government**
of the Republic of Korea