

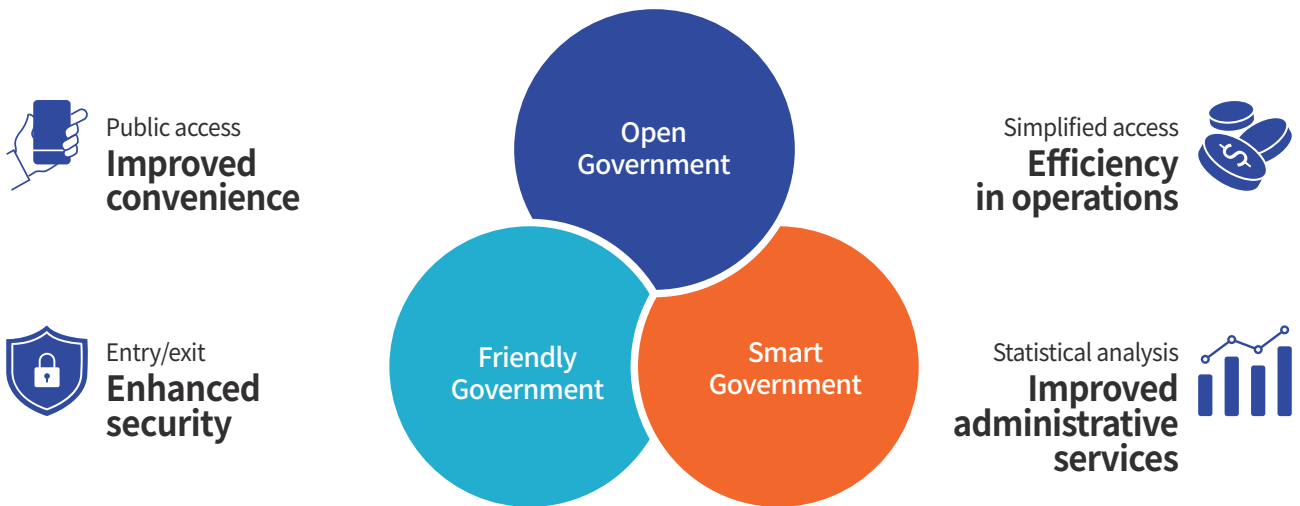
Utilizing ICT-based Technologies

Smart Access Control System V-PASS

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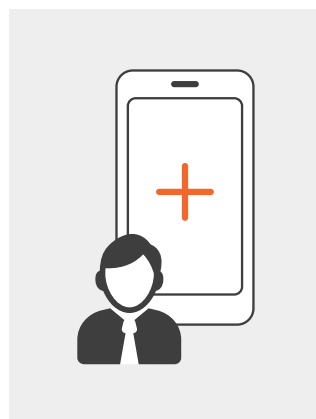
New Access System

Revolutionizing access systems for public convenience and work productivity enhancement
Transforming into a smart public institution with the fusion of 4th Industrial Revolution technologies through accessing data and strengthening security



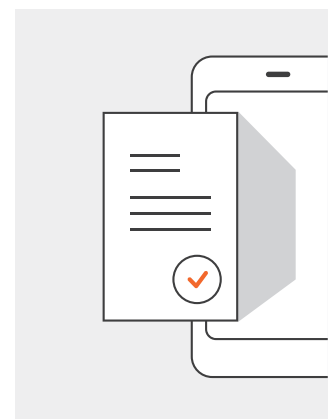
Access Request

Register information in the V-PASS app
Consent to use personal information



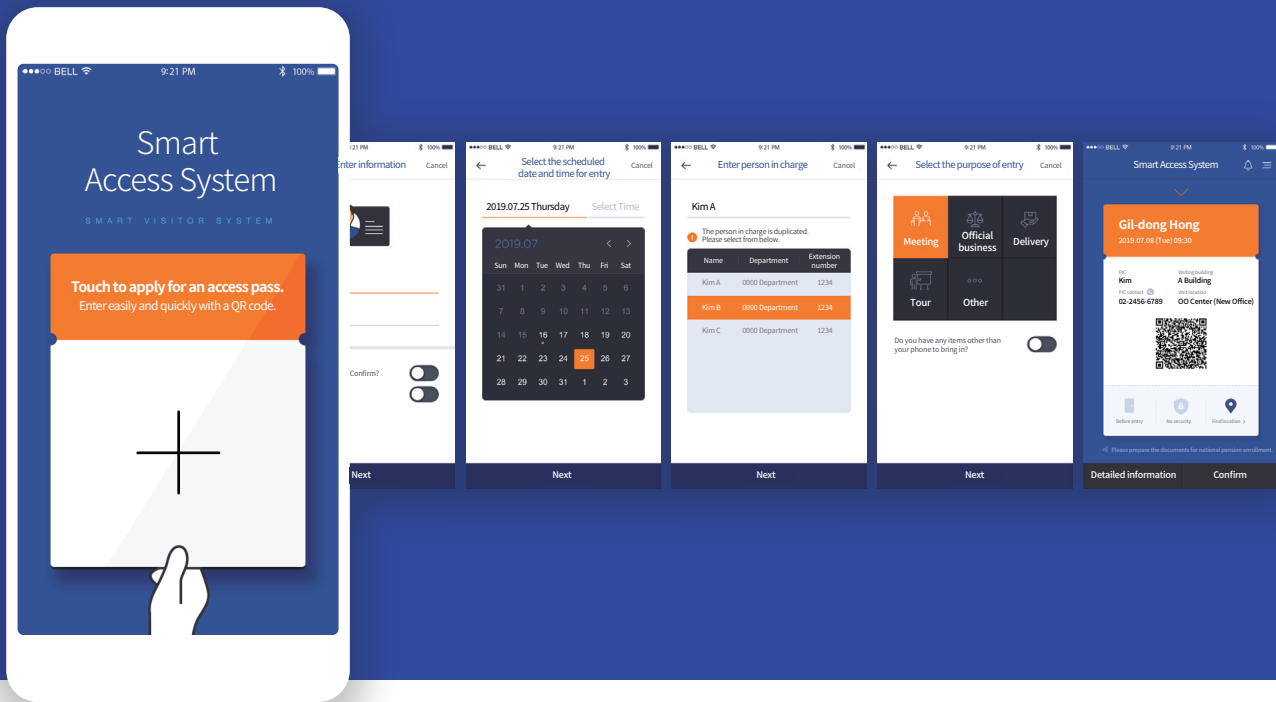
Electronic Approval

Approval by the person-in-charge/organization administrator
Send visitor's QR code



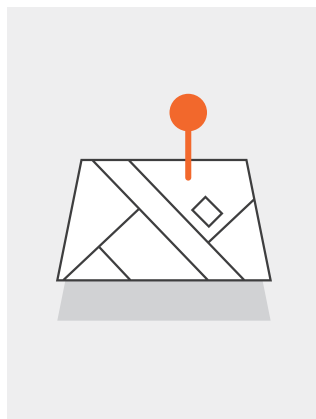
The Start of Innovation! V-PASS

Reducing face-to-face operations with digital technology for visiting
[Application - Approval - Entry]
Simplifying setup procedures using cloud services



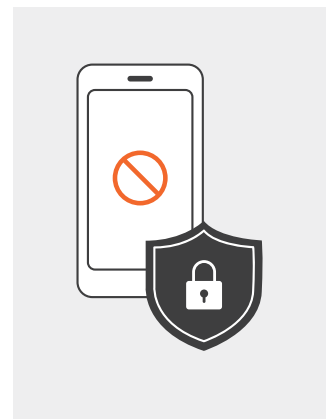
Location-based

Real-time location-based services via smartphones & IoT



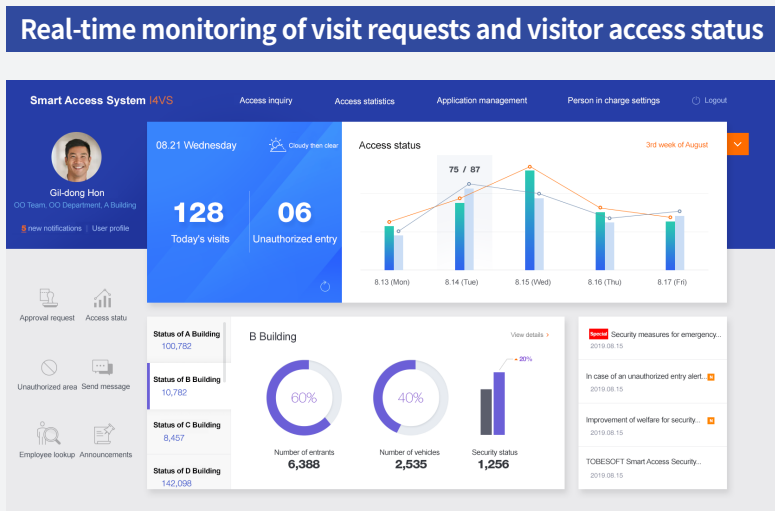
Enhanced Security

Enhanced security via real-time location and access status monitoring



Easy Access Control

System automation enhancing convenience for
[visitors - person in charge of visitors - organization administrator] and
Improving work efficiency, strengthening access security of the institution



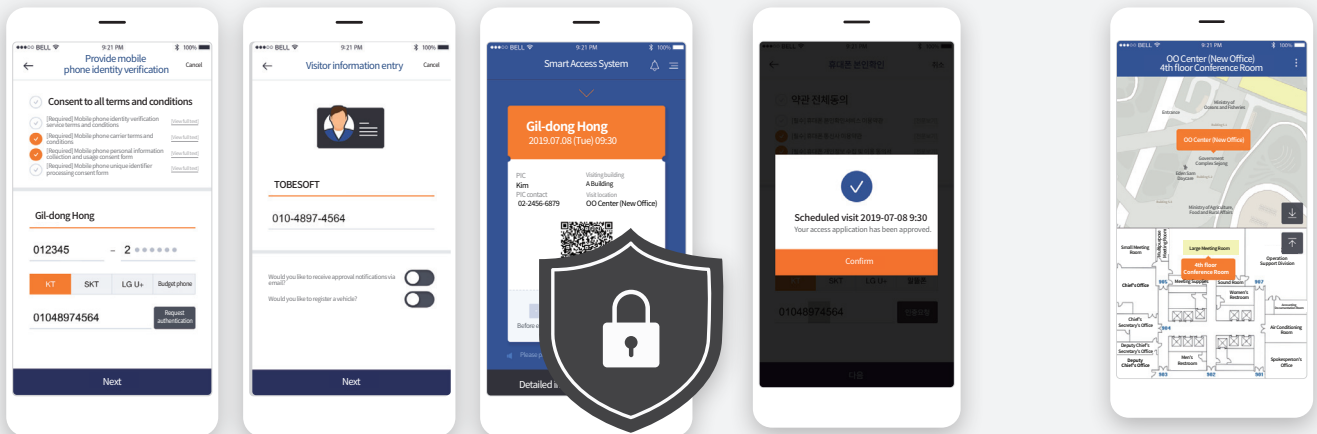
Smart Access Control

Providing convenient services like advanced notification of visit schedule, directions to visit locations and reducing waiting time for visitor's entry to enhance visit work efficiency

| Easy Access Application |

| Visit Schedule Notification |

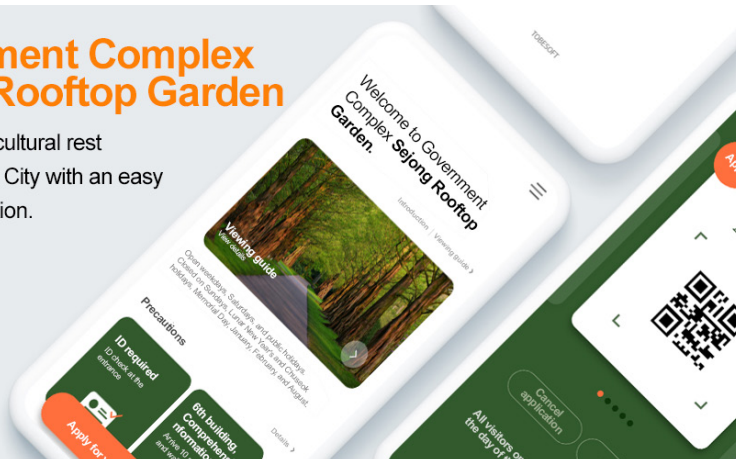
| Visit Location Directions |



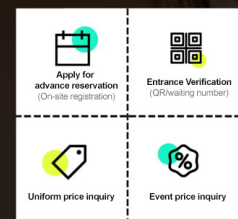
Subscription-based service that can be used temporarily for an event period without the need to build an entire system

Government Complex Sejong Rooftop Garden

Experience the cultural rest space of Sejong City with an easy and fast application.



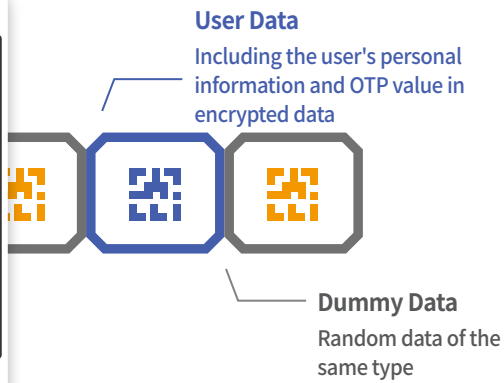
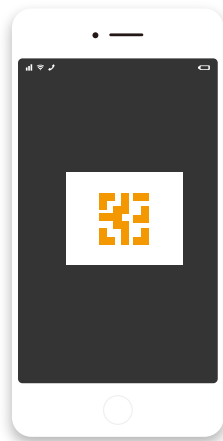
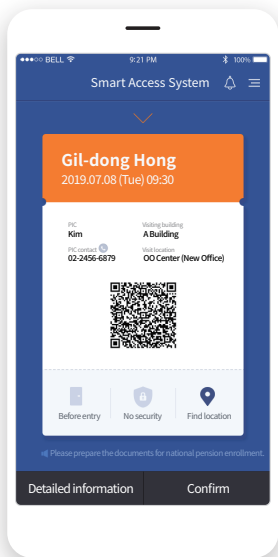
2020 handsome Family sale



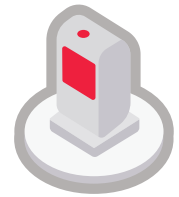
HYUNDAI
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QR Code-Based Access Control

Preventing copying and tampering of visitor passes with OTP-encrypted dynamic QR codes,
Preventing QR code leakage/reuse through screenshots, camera, video recordings, etc.

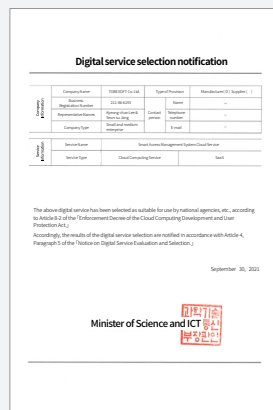


Data detection possible via a dedicated QR reader



Encrypted QR code for forgery/tamper prevention

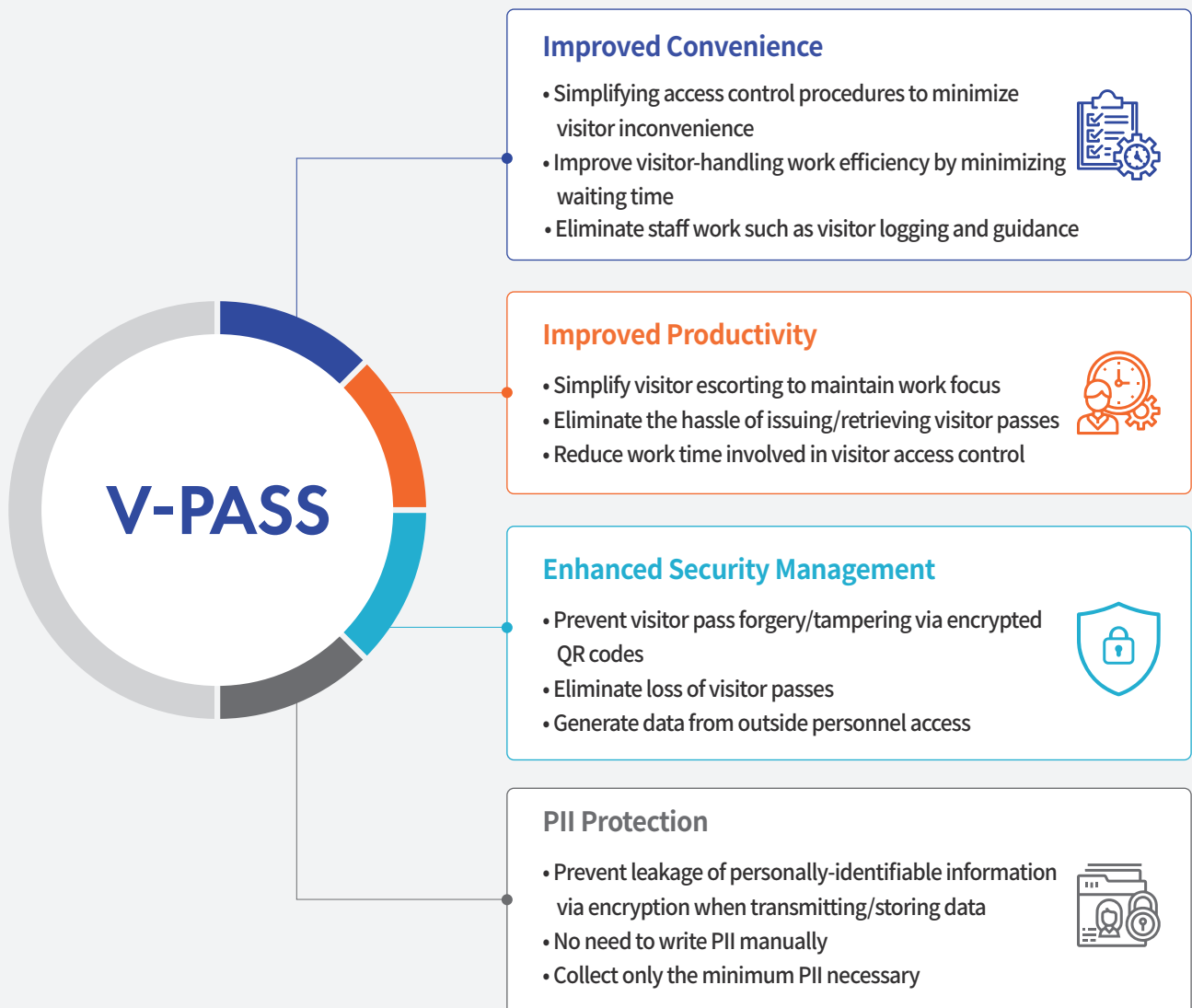
* Acquired Cloud Security Assurance Program (CSAP) and selected as a Ministry of Science and ICT Digital Service



Full-Fledged Smart Access Control System

Solving both convenience for visitors and administrators and protection of personal information and security with a smart contactless access management system

Expected effects



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