Secure Authentication Solution

Guardian-CCS

fnsvalue
FEASIBLE NETWORK SYSTEM VALUE

About **Company**

Since its birth, FNSV supports building customised system and operation management for our customers. We are leading the next generation secure authentication market by developing our proprietary technology, ‘Guardian-CCS’, the simple and secured authentication solution.

CEO	Jeon Seung Ju	Address	[Sangam-dong, Nuri Dream Square 7th floor] 396, World Cup buk-ro, Mapo-gu, Seoul, Republic of Korea
Established	03 Apr 2012	Business	SI/SM, security consulting, integration system, cyber secure solution
Certification	Main-BIZ, Inno-Biz, Good Software, ISO 9001, ISO 27001, Public Procurement Service		

FNSVALUE History

2021

appointed as an IPO of Mirae Asset Securities, and listed on KOSDAQ

contracted for PT VADS solution of Indonesia and license supply

7th Korea Excellent Company Awards, and Excellent Technology Award in Security Authentication Solution

appointed as a SW High Growth Club by MIST

appointed as a consulting business for overseas expansion by FCK

appointed as an export voucher enterprise by MSS

OIC-CERT Global Cybersecurity Award 2021

Certificate of Designation of Excellent Product-G-CCS v1.0

2021 Korea Best Companies Award, Best Technology Award

ISO/IEC 27001:2013 certification

2020

contracted for Telekom Malaysia (TM) solution and license supply

establishment of FNS[M], corporate company in Malaysia

a business selected by KOIPA

selected as a consulting business for overseas expansion by FCK

appointed as an export voucher enterprise by MSS

2019

signed MOC with Telekom Malaysia

completed global accelerating program (SG) [KISED]

ISO 9001 QM certificate

a simple and security authentication solution, [Guardian-CCS v1.0] GS certificate

obtained Main-Biz

registered Hong Leong Bank Vendor of Malaysia

completed fintech security consulting [FSI]

~2018

certified as a family-friendly company by the MOGEF

got POC by Malaysian Defense and completed

obtained Inno-Biz

2012

establishment of FNSV

Next Generation Secure Authentication Solution

PASSWORDLESS
Guardian-CCS

9:54
Guardian-CCS
Authenticating
Select Node
Cancel
9:54
Guardian-CCS
PASSWORDLESS
Sign Up
Register Device
Terms of Service
Privacy Policy

By continuing, you agree to our Terms of Service and Privacy Policy

FAST EASY SAFE

A **Secure, Fast, Convenient and Trusted Solution** in the Digital World

01. Guardian-CCS is the world-class secure authentication solution with high confidence.

02. Guardian-CCS transforms the world a safer place with passwordless blockchain secure authentication.

03. Guardian-CCS has emerged as a technology that leads digital transformation with its excellent security, speed and convenience in account access and authentication.

04. Guardian-CCS provides the best user experience, privacy protection, security, sustainability and scalability in digital authentication services.

05. Guardian-CCS is designed for security, privacy and reliability based on Zero Trust.

06. Guardian-CCS solves the global issues about identity and password such as identity theft, phishing, ransomware, brute force and password theft.

Guardian-CCS
PASSWORDLESS
Sign Up
Register Device
By continuing you agree to our Terms of Service and Privacy Policy
Authentication successful
App is automatically closed after 5 seconds. Press close to continue.
Close (5)
Sign Up
You can apply icon authentication to enhance the security level. Please select 1 to 3 icons in order.
Bluetooth
Light
Transform
Change Auth Level
Basic Auth
Authentication is automatically continue after confirmation by user.
sehatlife.tabgdc.com
Success
Fail
Login
2020.11.02 15:03:24
Authentication start
Authentication
Initiate authentication
Cancel
FNSVALUE

Increase cybersecurity agility

Cybersecurity Agility of Guardian-CCS

Security

- Zero Trust Framework (ZTF)
- Active Cyber Defense (ACD)
- Defense in Depth (DID)

Privacy & Regulatory

- Local & international privacy standards and regulations
- Data & national sovereignty

User & Customer Experience

- Superfast and convenient
- Less than 3 seconds

Operation & ROI

- Simplify IT operation & user support
- Reduced cost of operations
- Increased user productivity
- Increased customer experience & satisfaction

Passwordless blockchain security

Passwordless Blockchain Security for Your Business, Customer and Supply Chain

Governance & Risk Management

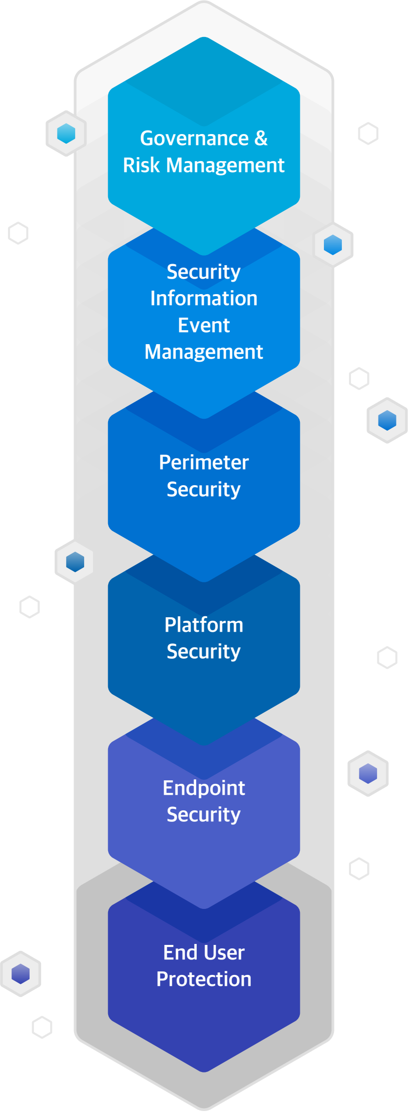
- ISO 27001 Compliant
- Center for Internet Security (CIS) Controls
- 3 Annual Pen Tests
- Privacy Shield Certified
- GDPR / CCPA Compliant
- Enterprise Risk Register
- NIST SP 800-53 Compliant
- SSAE 18 SOC 1 Type 2 Certified
- Standard Information Gathering (SIG)
- Information Security Audit Reports
- Enterprise Incident Response

Platform Security

- Next Generation Firewalls
- Antivirus for Servers
- AES 256 Encryption at REST
- Segregated Active Directory & VLANS
- Privileged Account Vaulting
- Continuous Vulnerability Scanning & Patch Management
- Secure Data Backups and Disaster Recovery
- Operating Systems Hardening

End User Protection

- Cybersecurity Awareness Training
- Multi-factor Authentication
- Role-based Access Control
- Simulated Phishing Campaigns



SIEM

- Raw Logs, Endpoint Data & Network Traffic Analytics
- Unified Log Data
- User Behavior Analytics (UBA)
- Suspicious Activity Detection & Alerts

Perimeter Security

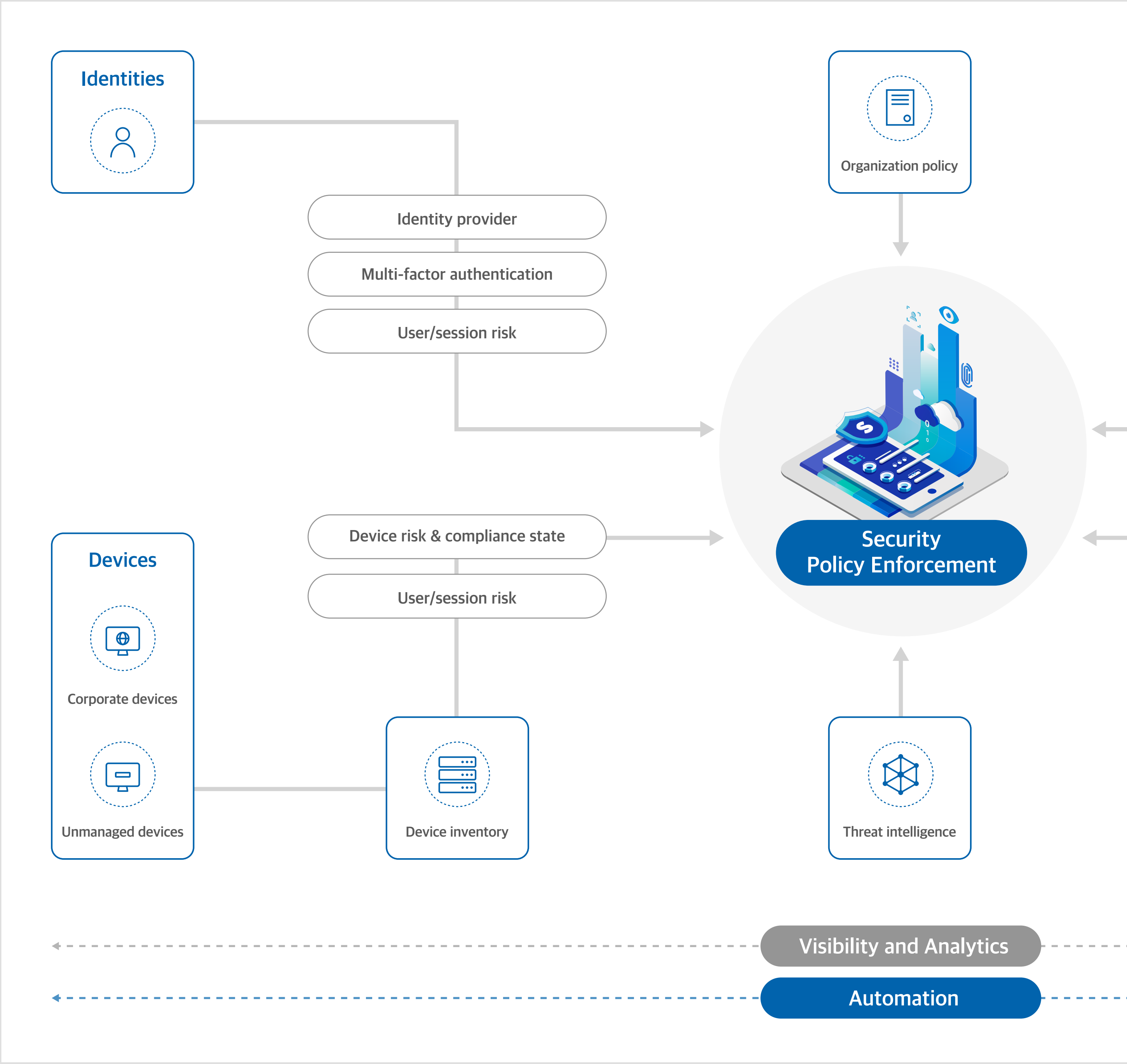
- External Firewalls
- Remote Access
- Spam Filtering
- Threat Intel Feeds
- Remote Authentication Reporting
- Brute Force and DoS Detection
- Data Center Physical Security

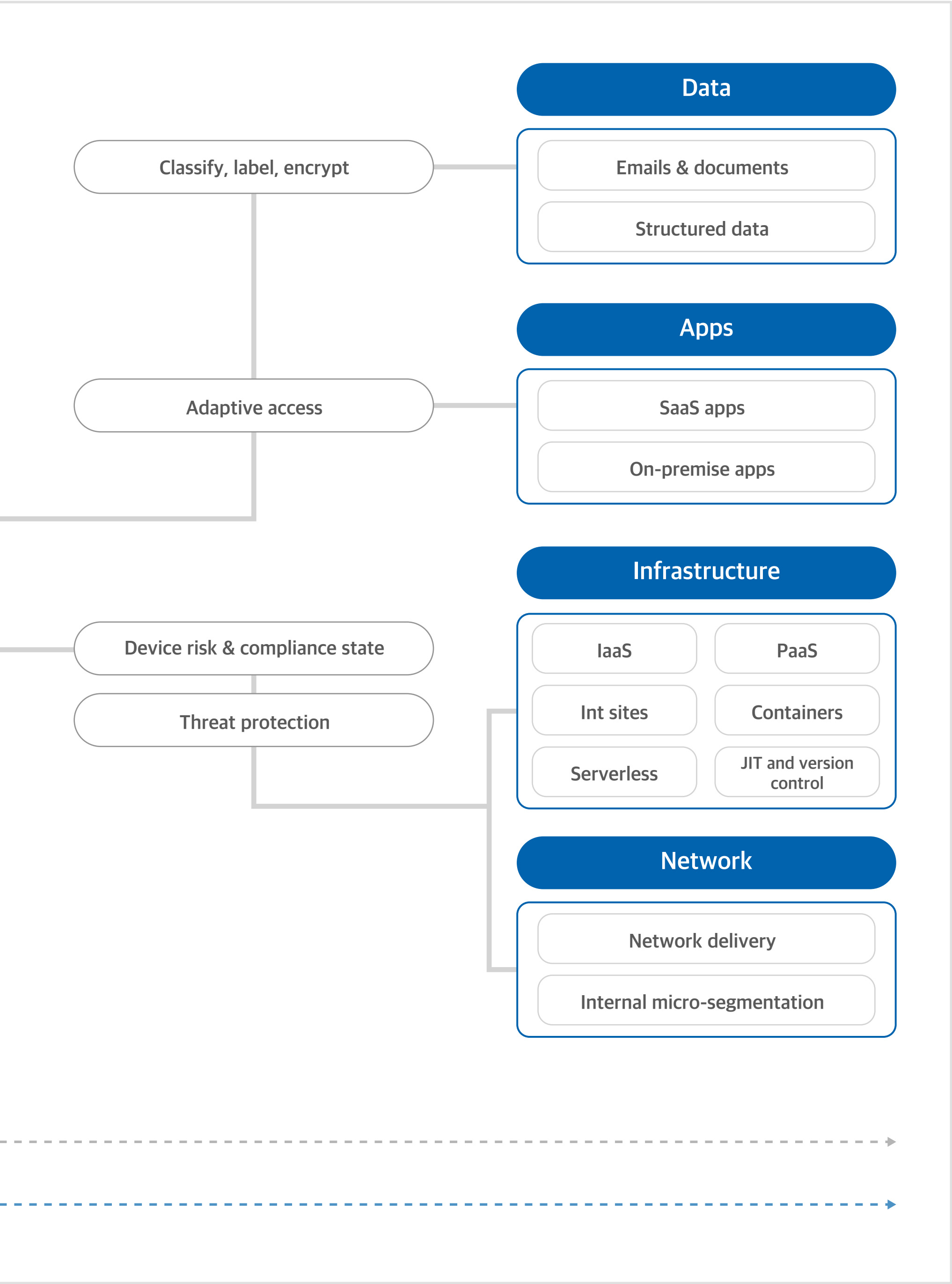
Endpoint Security

- Automated Microsoft Windows and 3rd Party Application Patch Management
- Antivirus and Endpoint Detection & Response (EDR)
- Remote Monitoring & Management System
- Local Admin Password Solution
- Full Disk Encryption
- Mobile Device Management
- Group Policy Enforcement
- Password Complexity
- Brute Force Prevention

Never trust, always verify

Zero Trust : Securing Access to Identities, Devices, Applications, Data, Infrastructure and Networks





Data

Classify, label, encrypt

Emails & documents

Structured data

Apps

Adaptive access

SaaS apps

On-premise apps

Infrastructure

Device risk & compliance state

Threat protection

IaaS

PaaS

Int sites

Containers

Serverless

JIT and version control

Network

Network delivery

Internal micro-segmentation

G-CCS MFA the next generation leader

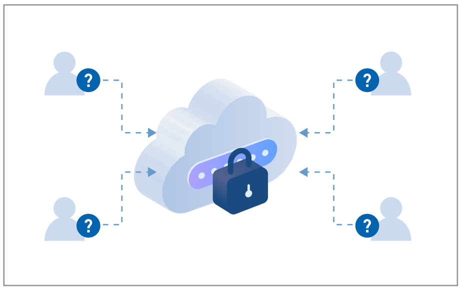
The Next Generation Passwordless **Guardian-CCS MFA**

PASSWORDS & LEGACY MFA

"80% of security breaches involve compromised passwords"

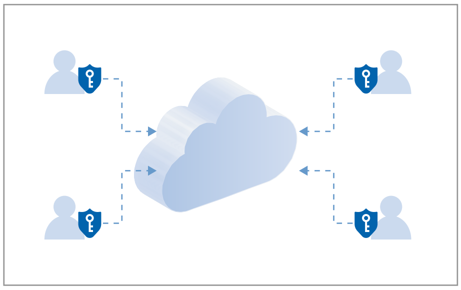
Data Breach Investigations Report, Verizon, via DBIR Interactive

- High friction login & user disruption
- Rely on passwords and shared secrets
- Susceptible to credential reuse & 2FA phishing
- Adoption gaps for customer & desktop MFA



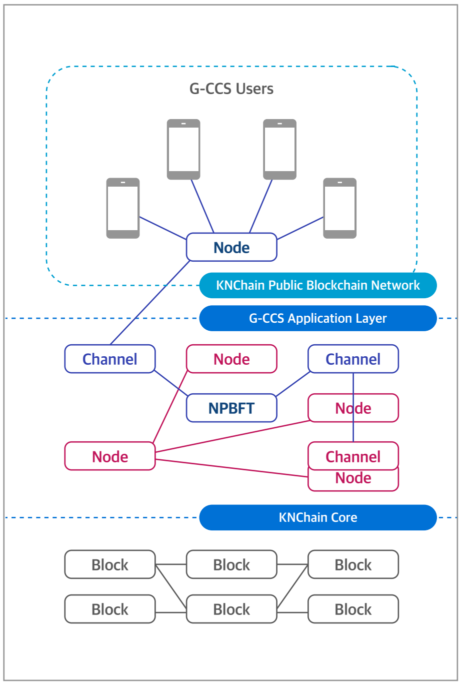
TRUE PASSWORDLESS MFA

- Provide a lightning-fast user experience
- Replace passwords with public key encryption
- Prevent credential stuffing, fraud, phishing and ransomware
- Solve customer & desktop MFA gap



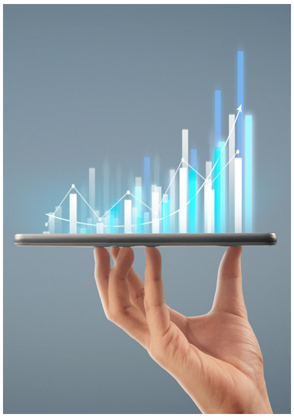
TRUE PASSWORDLESS MFA

- Provide a lightning-fast user experience
- Replace passwords with blockchain OTSK
- Prevent credential stuffing, fraud, phishing and ransomware
- Solve security, customer & desktop MFA gap



Design for security, trust, privacy and UX

Guardian-CCS for **Security, Trust and Privacy**



01 User Experience

Guardian-CCS, the world's first technology, allows enterprise customers and end users to access their accounts in easy, fast and safe method with securing their privacy.

02 Security by Design

Guardian-CCS ensures high level of security with lowering level of errors of 0.02% and within 3 seconds. Its patented technologies, MIRC, OTSK, MDV and KNChain, enable hybrid blockchain verification and authentication. It completely eliminates opportunities for internal and external threats such as phishing, ransomware, ATO, credential theft and fraud.

03 Privacy by Design

Guardian-CCS is designed according to national and international data protection and privacy regulations such as PDPA 2021, GDPR, RMiT, PCI-DSS, HIPAA, etc.

04 Trust by Design

Guardian-CCS verifies device through user or device profile in authentication process. It guarantees to store necessary data only and uses them according to security regulations. It never store 2FA data that contain biometrics information like face/fingerprint in device or created by end users.

Digital service through technology

Digital Service via Security, Performance, Convenience and ROI

Security

- Multiple Distributed Verification (MDV)
- One Time Security Key (OTSK)
- Security blockchain core

Performance

- One-click authentication within 3 sec
- Support 100,000+ connections
- Horizontal scale out

Convenience

- Mobile Device based Authorization
- Passwordless authentication integrated UX
- Mobile and web services

ROI

- Save operational cost
- Prevent loss from data breach
- No need for OTP or hardware token

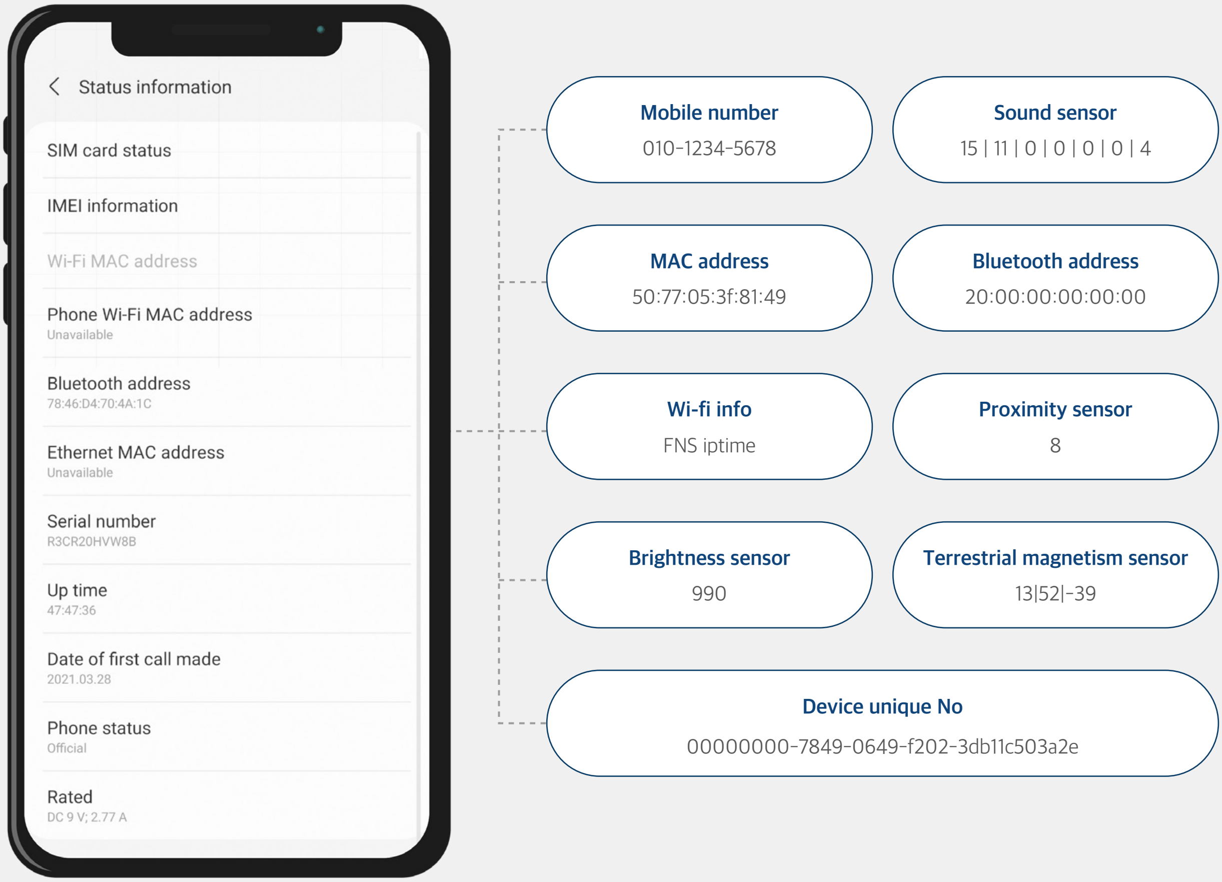
World’s first core technology

Patented Technology, Guardian-CCS > MIRC, OTSK, MDV, KNChain

Multiple Identifier Random Combination (MIRC), One-Time Security Key (OTSK), Multiple Distributed Verification (MDV),
Hybrid Blockchain - Kernal Chain Core (KNChain)

01 Mobile Device : Major Source of Authenticator

02 Extract Multiple Unique Identifiers from User’s Mobile Device



Status information

SIM card status

IMEI information

Wi-Fi MAC address

Phone Wi-Fi MAC address
Unavailable

Bluetooth address
78:46:D4:70:4A:1C

Ethernet MAC address
Unavailable

Serial number
R3CR20HVW8B

Up time
47:47:36

Date of first call made
2021.03.28

Phone status
Official

Rated
DC 9 V; 2.77 A

Mobile number
010-1234-5678

Sound sensor
15 | 11 | 0 | 0 | 0 | 0 | 4

MAC address
50:77:05:3f:81:49

Bluetooth address
20:00:00:00:00:00

Wi-fi info
FNS iptime

Proximity sensor
8

Brightness sensor
990

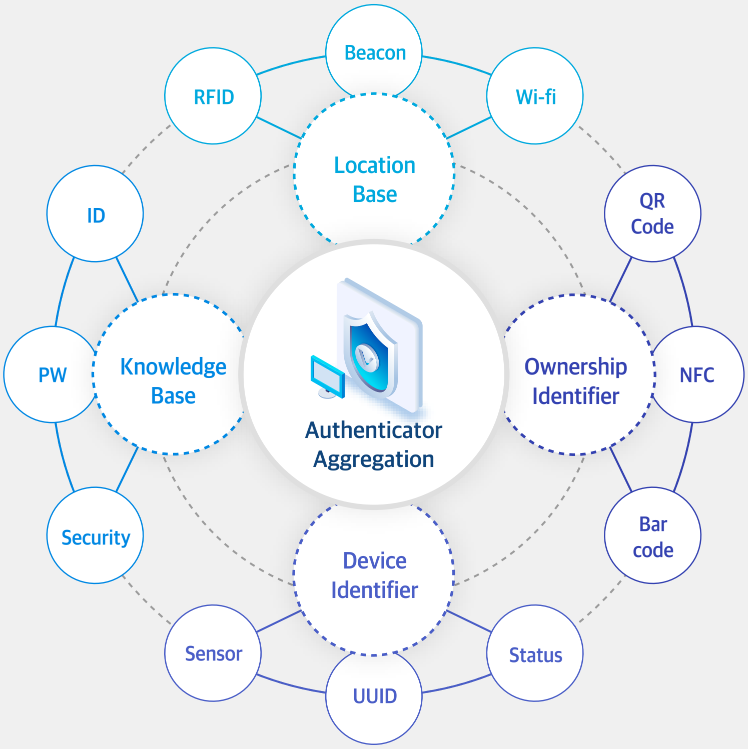
Terrestrial magnetism sensor
13|52|-39

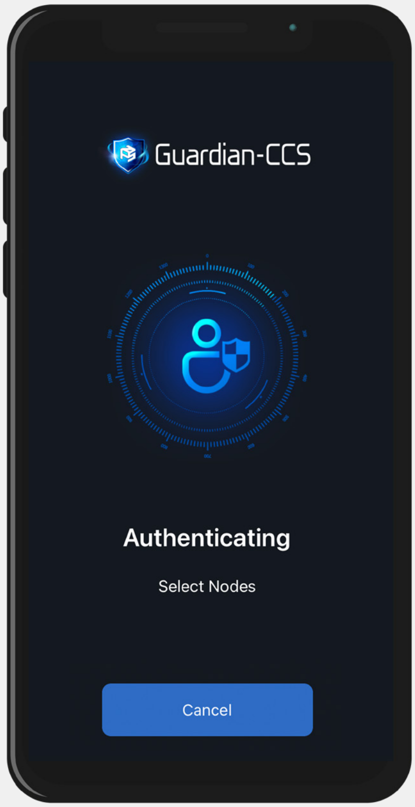
Device unique No
00000000-7849-0649-f202-3db11c503a2e

[Patent number 10-1809976] A system for security certification generating authentication key that combines multi-user element and a method thereof

03 Combination from Identifier Ecosystem across Location, Ownership Identifier, Device Identifier & Knowledge Base Information

04 Unhackable Passwordless Authentication





Authenticate with unique user device

Guardian-CCS

Product & Service

- On-Cloud
- On-Click
- On-Premise
- Value Added Service (VAS)
- Consulting Services

On-Cloud

- Secure authentication platform hosted by TM ONE Alpha Cloud
- Provide On-Cloud Security as a Service (SaaS) for both publics & privates
- Fully managed services with SLA/SLG
- Service is on a yearly subscriptions basis based on per user license
- Service is for web/mobile app, cloud app and white label app login
- Inclusive of API and SDK, admin portal
- Apply terms and conditions

On-Click

- Secure authentication platform hosted by TM ONE Alpha Cloud
- Provide On-Cloud Security as a Service (SaaS) for both publics & privates
- Fully managed services with SLA/SLG
- Service is on a yearly subscriptions basis based on per click license
- Service is for web/mobile app, cloud app and white label app login
- application login
- Inclusive of API and SDK, admin portal
- Apply terms and conditions

On-Premise

- Secure authentication platform hosted by TM ONE Alpha Cloud
- Provide On-Premise SaaS for customer web/mobile app
- Fully customised services with SLA/SLG
- Service is on one-off G-CCS per site license with unlimited applications
- Service is on yearly subscription basis based on per user/click license
- Service is for web/mobile app, cloud app and white label app login
- application login
- Inclusive of API and SDK, admin portal
- Apply terms and conditions

Value Added Service (VAS)

- G-CCS Secure Authentication Gateway (SAG)
- G-CCS SSL VPN & SD WAN
- G-CCS eKYC
- G-CCS TM ODS
- G-CCS eKYC & TM ODS
- G-CCS CSP MFA (Google, AWS, Microsoft)
- G-CCS SME
- G-CCS FinTech & BFSI
- G-CCS Wholesale Services (PaaS, SaaS)
- Apply terms and conditions

Consulting Services

- Project management services
- Systems integration services
- Deployment & services delivery
- API Development & customization
- SDK & plugins development & customization
- Design, development, customisation, testing, deployment & RFS
- Training & certification
- Post implementation, maintenance & support services (L1, L2, L3)
- Apply terms and conditions

Guardian-CCS

Case of Use

01 UX in Private & Public Sectors

02 Single Secure Authentication as a Service

03 2FA Secure Authentication Gateway (SAG)

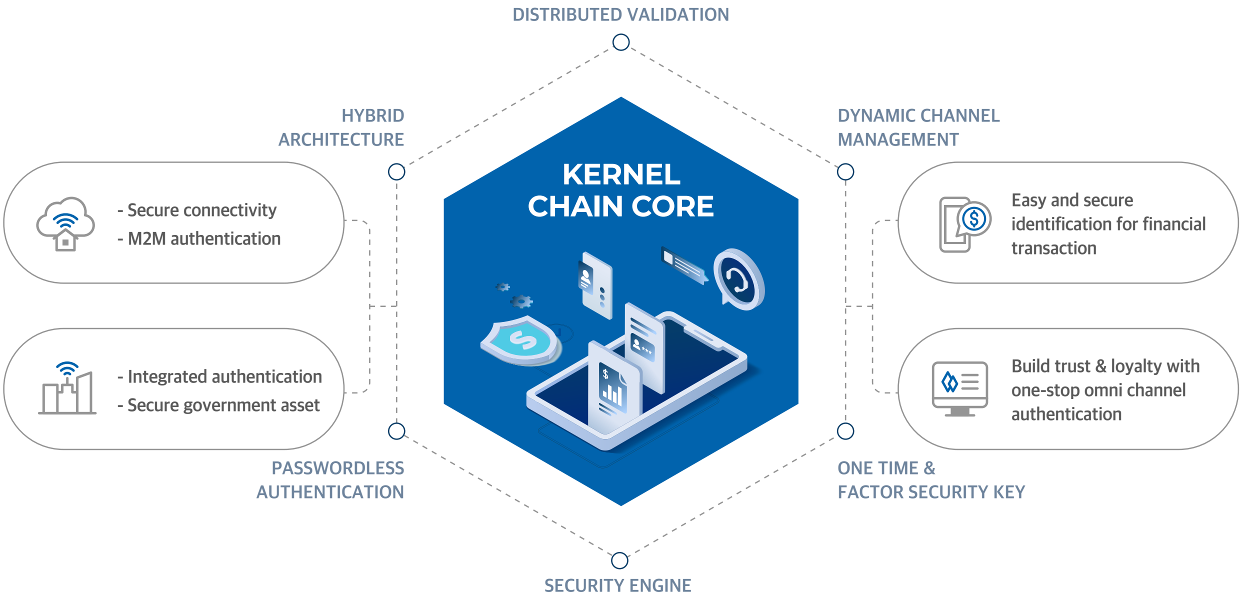
04 Financial Services

05 SDWAN/SSL VPN 2FA

06 eKYC for Seamless User Onboarding

Guardian-CCS Case of Use 1.

UX in Private & Public Sectors


DISTRIBUTED VALIDATION
HYBRID ARCHITECTURE
DYNAMIC CHANNEL MANAGEMENT
KERNEL CHAIN CORE
PASSWORDLESS AUTHENTICATION
ONE TIME & FACTOR SECURITY KEY
SECURITY ENGINE

- Secure connectivity
- M2M authentication

- Integrated authentication
- Secure government asset

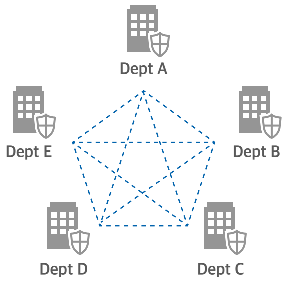
Easy and secure identification for financial transaction

Build trust & loyalty with one-stop omni channel authentication

Guardian-CCS Case of Use 2.

Single Secure Authentication as a Service

As-Is [ID & Password]



Challenging and expensive management for ID & PW. Lower security, productivity & efficiency. Longer time for onboarding. The more users, the more complex authentication interoperability.

Challenges

Objective

Mutual trust between users, devices and applications. Enable common interoperable with enterprise wide authentication solution.

Value

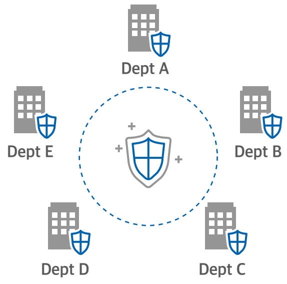
User Value

Trusted method of identity authentication for all users. Protect confidentiality & sensitive data.

Organization Value

Advanced authentication capability. Reduce operating cost and increase productivity & time of users internally and externally.

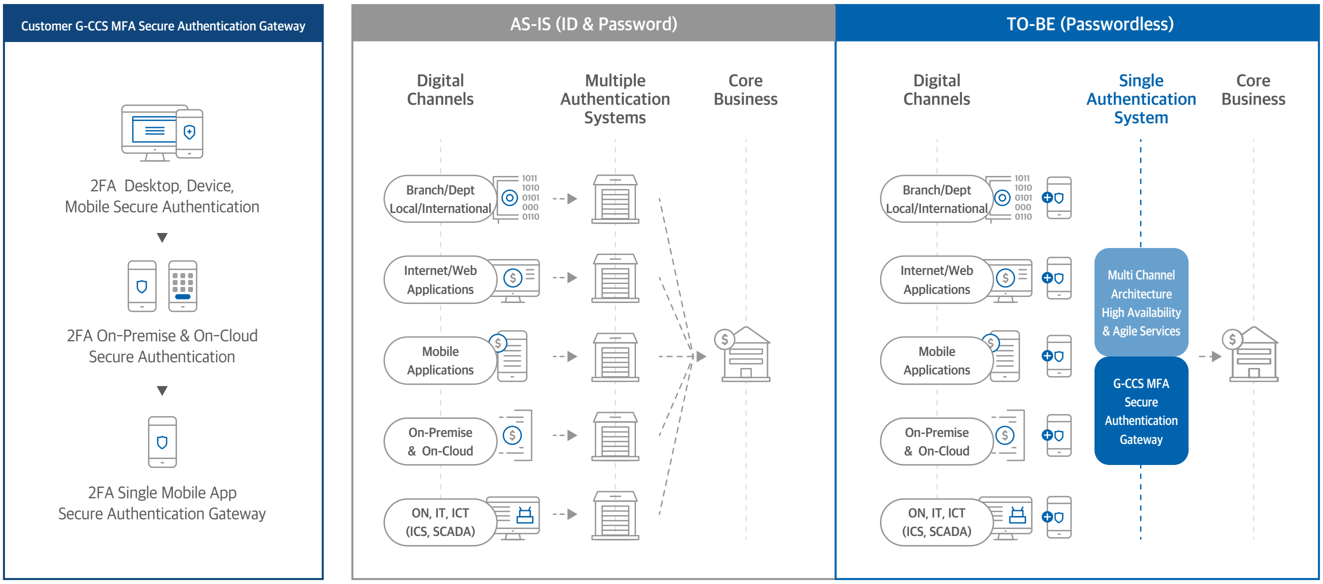
To-Be [Passwordless]



G-CCS MFA, the secure identity authentication gateway, simplifies and unifies interoperability standardization of user authentication security policy on user & device access.

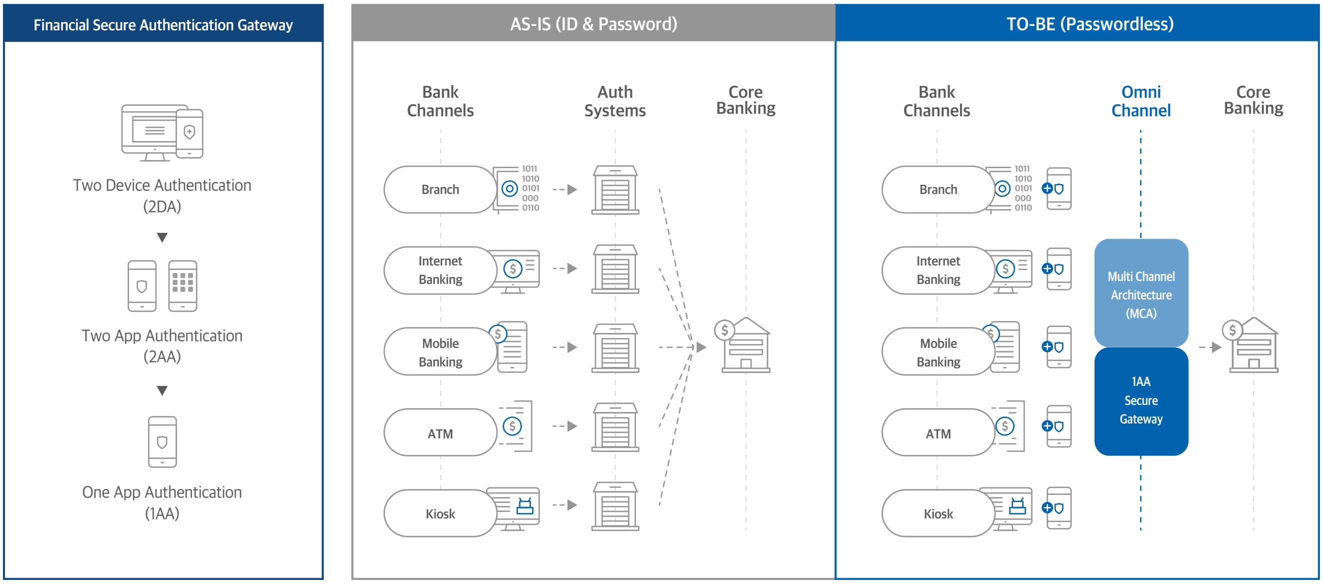
Guardian-CCS Case of Use 3.

2FA Secure Authentication Gateway (SAG)


Customer G-CCS MFA Secure Authentication Gateway
2FA Desktop, Device, Mobile Secure Authentication
2FA On-Premise & On-Cloud Secure Authentication
2FA Single Mobile App Secure Authentication Gateway
AS-IS (ID & Password)
Digital Channels
Multiple Authentication Systems
Core Business
Branch/Dept Local/International
Internet/Web Applications
Mobile Applications
On-Premise & On-Cloud
ON, IT, ICT (ICS, SCADA)
1011 1010 0101 000 0110
TO-BE (Passwordless)
Digital Channels
Single Authentication System
Core Business
Branch/Dept Local/International
Internet/Web Applications
Mobile Applications
On-Premise & On-Cloud
ON, IT, ICT (ICS, SCADA)
Multi Channel Architecture High Availability & Agile Services
G-CCS MFA Secure Authentication Gateway

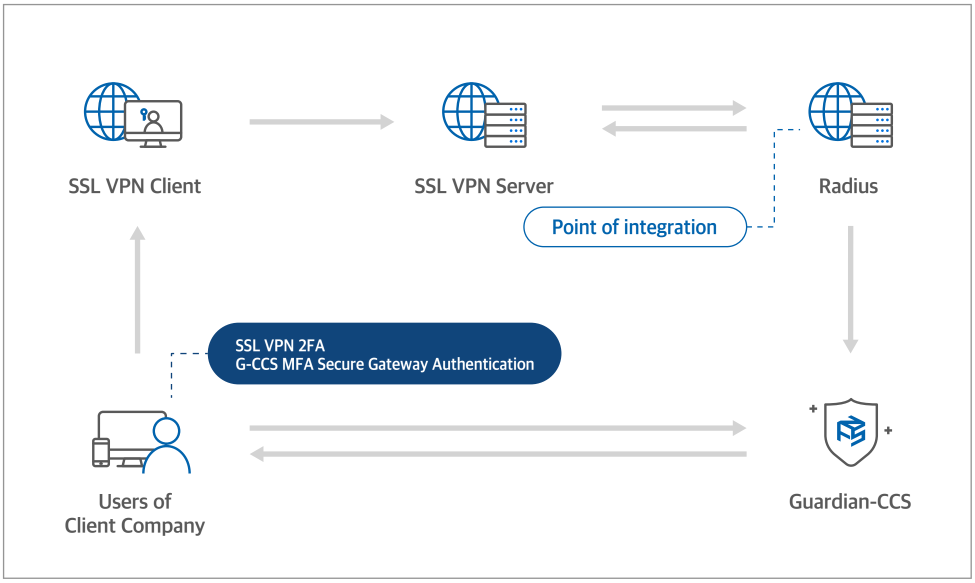
Guardian-CCS Case of Use 4.

Financial Services



Guardian-CCS Case of Use 5.

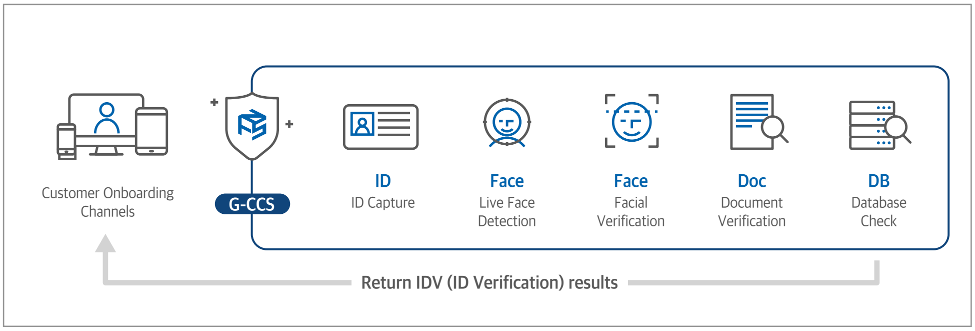
SDWAN/SSL VPN 2FA



It offers integration with SSL VPN for better network security and trusted user authentication, and meets stringent secure requirements using various GCCS-MFA authentication methods.

Guardian-CCS Case of Use 6.

eKYC for Seamless User Onboarding



User onboarding experience G-CCS MFA & eKYC journey meets stringent ID verification requirements such as capture, facial verification, MFA & post-transaction identity document check

1. G-CCS MFA Passwordless blockchain user authentication with MFA for first time user onboarding and login

2. OkayID To automatically extract identity details, facial photo and image through OCR

3. OkayFace Face anti-spoofing API to ensure that live face is present in remote or non-face-to-face transaction. 1:1 facial verification if live face matches ID photo

4. OkayDoc AI-powered identity document image checking and authentication, through visual compliance, security feature detection and content tempering detection methods

5. OkayDB Country-specific data sources to help strengthening identification and verification of a remotely-present ID

Customer value : Next generation

Customer Value of the **Next Generation Passwordless MFA**

01

We are locally hosted at TM ONE Cloud, a certified Malaysian government Cloud Services Provider. We also provide On-Premise customised solutions to meet our local customers in the region.

02

Transaction is made in 3 seconds by SLA/SLG, which is nearly impossible to be penetrated.

03

Our On-Cloud and On-Premise solutions provide assurance for full data residency, locality and sovereignty with compliance to government regulatory requirements such as PDPA, RMiT, etc.

04

We transform the world a safer place with passwordless blockchain secure authentication and G-CCS, which leads high protection for organizations and individuals from cyber criminals.

05

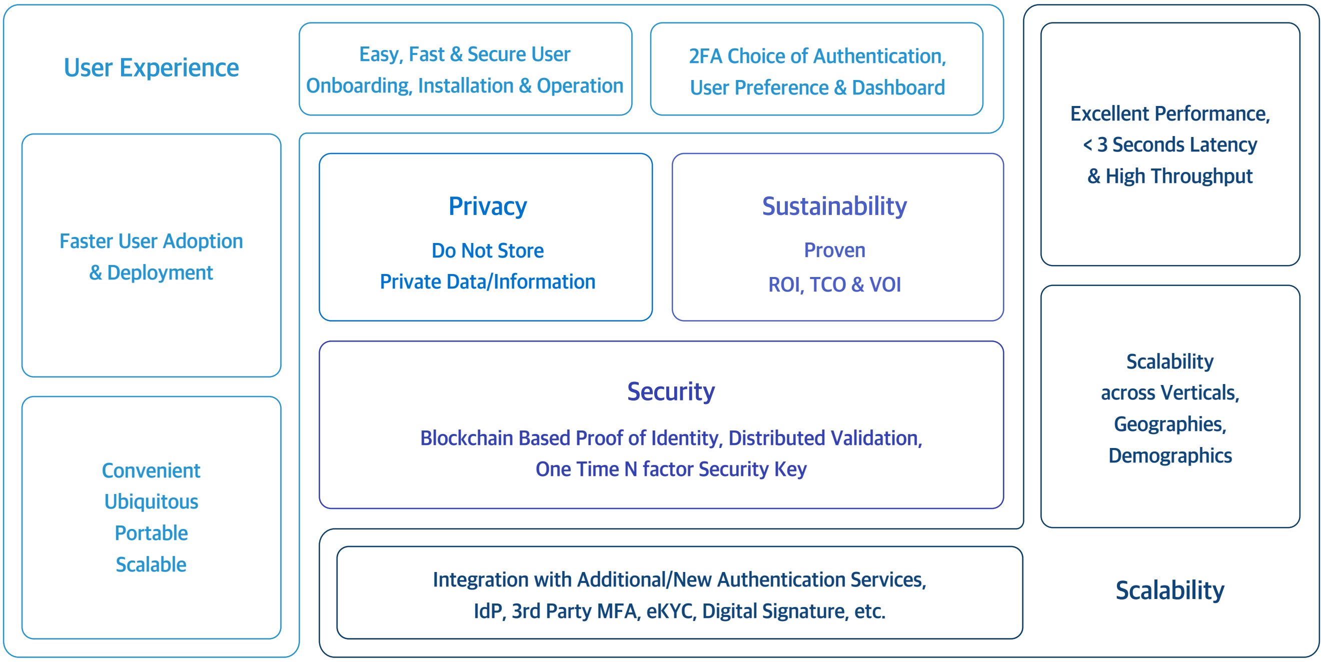
We also work with cloud-based authentication providers such as Google, Microsoft, Alibaba, AWS, FIDO2, HPR & DUO and other solution providers.

06

Currently, we do not have competitors in the authentication market but only similar technologies and service platforms such as Google Authenticators, DUO, HPR, FIDO2, Samsung and Microsoft.

Realizing security, trust and privacy

Passwordless Guardian-CCS, Realizing Security, Trust and Privacy



User Experience

Easy, Fast & Secure User Onboarding, Installation & Operation

2FA Choice of Authentication, User Preference & Dashboard

Excellent Performance, < 3 Seconds Latency & High Throughput

Faster User Adoption & Deployment

Privacy

Do Not Store Private Data/Information

Sustainability

Proven ROI, TCO & VOI

Security

Blockchain Based Proof of Identity, Distributed Validation, One Time N factor Security Key

Scalability across Verticals, Geographies, Demographics

Convenient
Ubiquitous
Portable
Scalable

Integration with Additional/New Authentication Services, IdP, 3rd Party MFA, eKYC, Digital Signature, etc.

Scalability

Sales value proposition

Value proposition of Guardian-CCS

Convenience

- Passwordless one-stop authentication
- Convenient user installation
- Superfast authentication with SLA/SLG
- User friendly & reliable
- User & admin dashboard records for audit logs
- Fast onboarding & exiting management process

Security

- No penetration point for hackers/inside threats
- No vulnerability
- Distributed blockchain MFA
- OTSK for blockchain channel & node instances
- Never hackable OTSK due to volatile runtime object
- CCRA Certification EAL2 (2022)

Proof of Trust

- Zero trust hybrid architecture
- Minimum personal data
- Blockchain distributed verification & consensus
- Meet BNM RMiT, MCMC INS, PDPA, GPDR requirements

Cost Saving

- No upfront cost for On-Cloud and On-Click
- No additional MFA cost
- User license, usage base pricing
- ROI & VOI with up to 70% operational cost savings
- No additional device
- Standard REST API for Integration & SDK

Value matrix analysis

Guardian-CCS : **Quantitative & Qualitative Value Matrix**

Guardian-CCS MFA Features

- Simple and intuitive installation in Android and iOS
- One-stop passwordless authentication experience
- Do not require additional device (BYOD)
- Additional authenticators like biometrics, pattern, PIN, OTP
- Free from hacking attempts at a mobile app and server
- No single point of vulnerability
- REST API to integrate with other authenticators
- End-to-end services on mobile app, server and administrator
- Minimal upfront cost for On-Premise. User and usage base pricing model
- Proven ROI and VOI from passwordless features
- Provide standard REST API for integration with legacy systems and cloud services
- Require minimum server spec
- Store only non-critical user data in blockchain nodes
- Integration capability with consent management system, IdP, eKYC, 3rd Party MFA
- Do not store sensitive privacy data by its design
- Provide alternative options to share user information
- Provide scaleout capability on the fly basis
- Less than 3 seconds of latency @10,000 concurrent connections
- Under 0.02% of error rate
- Provide HA and DR BCM

Quantitative Value

- Improvement of Employee Productivity: **Avg. USD 5.2 Million/year**
- Increase of Customer Retention Rate (CRR): **Up to 25%**
- Cut Down Call Center Operation Costs: **Up to 60%**
- Prevent Loss from Data Breach: **Up to USD 11.2M**
- Productivity of User: **USD 319.5/year**
- Cost Savings from Additional Device Purchase: **USD 45/year**

Qualitative Value

- Increase customer satisfaction for secure platform and fast & convenient services
- Gain higher degree of trust and security in providing services
- High familiarity, comfort and trust as using one's own device to authenticate

Guardian-CCS, the world's first technology, allows enterprise customers and end users to access their accounts in easy, fast and safe method with securing their privacy.

Satisfy customer needs

Guardian-CCS : **Satisfying Customer Requirements**

G-CCS KEY VALUES	CUSTOMER KEY REQUIREMENTS	G-CCS KEY FEATURES
User Experience	How easy is it to install and operate the solution?	Simple and Intuitive installation in Android and iOS
	How does it assist with user adoption?	One-stop passwordless authentication experience
	How convenient, ubiquitous and portable?	Do not require additional device (BYOD)
	Choice of authenticators for user preference?	Additional authenticators : Biometrics, Pattern, PIN, OTP
Security	Resist most common cyber attack?	Free from hacking attempts toward Mobile App and Server
	Expected vulnerability in the near future?	No single point of vulnerability and hacking opportunity
	Comply with current security standards?	Rest API to integrate other authenticators, IdP, eKYC, 3rd Party MFA
	How complete is the solution?	End-to-end services with mobile app, server and admin.
Sustainability	Cost of implementation and maintenance	No upfront cost for Cloud. Minimum cost for On-premise and usage
	Actual ROI	Proven ROI and VOI from passwordless features
	Integration capability with legacy security system	Provide standard REST API for Integration with legacy and cloud
	Secondary effect from environmental aspect	Require minimum server spec
Privacy	Privacy data storage: Central or Distributed?	Store Non-critical user data in blockchain nodes
	Consent management feature	Integration capability with consent management system
	Capability to enhance privacy	By Design, G-CCS doesn't store sensitive privacy data
	Choice for users regarding how much data to share?	Provide alternative options to share user information
Scalability	Vertical/Geographical/Demographic Scalability	Provide scale out capability on the fly basis and future proof
	Performance for high demand	SLA of 3 seconds of latency @10,000 concurrent connections
	Error rate of the authentication solution	SLA of 0.02% of error rate
	Continuity and recovery strategies	Provide HA and DR strategies with HA architecture design

Frequently Asked Questions

Guardian-CCS : **FAQ**

Questions	Clarification
How easy is it to install and operate G-CCS?	Very simple and intuitive installation in Android and iOS. Just install G-CCS from App Store or Google Play Store.
How does the solution support user adoption?	It provides passwordless one-stop authentication experience and user onboarding. It can be also used as both of existing ID/Password and G-CCS.
Is G-CCS convenient and portable?	The solution doesn't require additional device (BYOD). Just use existing mobile phone as your personal and private authenticator.
Do users have choice for 2FA or authentication factors?	The device and user profile are the 1st level authentication. Additional authentication factors are biometrics, pattern, icon and OTP.
How does the solution resist cyber attacks?	No penetration point for hackers or insider threats. No critical data for hackers to penetrate at the mobile app and server.
How does G-CCS protect the current and future vulnerability?	The solution is designed without any single point of vulnerability.
Does the solution comply with security standards?	It has been certified as Good Quality software in Korea, and received ISO 15408 Common Criteria certification in 2021, hosted by CSM.
How complete is the solution?	End-to-end managed security services from mobile app, server and admin for On-Cloud, On-Click and On-Premise solutions. Provided with REST API and SDK for integration services.
How much is the cost for implementation and maintenance?	No upfront cost. The cost charges per user license or per click license (usage base) based on usage pricing model.
How much is the expected ROI?	The estimated ROI/VOI is up to 70% depending on the use cases and with passwordless.
How is the integration capability of legacy security systems?	G-CCS provides standard REST API which integrates legacy systems and third party authenticators.
What is the environmental impact of the solutions?	No need for additional device. Minimum server specs is enough.
Is data privacy protection at the storage centralized or distributed?	2FA or MFA data is not stored centrally. Minimal data from server and device are hashed and encrypted before being distributed for authentication.
Does the solution consider user consent and consent management feature?	User consent is required for minimum user information like email and mobile number. It can be also integrated with consent management system.
What is the solution capability to enhance privacy?	It is designed to focus on privacy so that does not store any sensitive data. The features ensure compliance to GDPR & PDPA 2010 requirements.
What is the choice for users regarding how much data to share?	Users can permit the consent level at the registration step. It provides alternatives how much to share information. It only uses data locally provided on the device.
How is the solution scalability for vertical, geographical and demographic?	Its capability is scalable on the fly basis with HA, full redundancy and DR/backup in On-Cloud and On-Click.
How is the performance of the solution measured?	For On-Premise, the baseline of HW specification is available for 10,000 concurrent connections/sessions, which is made in 3 seconds.
What is the error rate of the authentication solution?	The SLA is under 0.02% of error rate.
Does the solution provide DR, business continuity and recovery plan?	The SLA for On-Cloud and On-Click management services includes DR & replication services. For On-Premise, it is highly recommended for two onsite licenses for production & DR site.

Value USP/UVP
User Experience (Value)
User Experience (Value)
User Experience (Value)
User Experience (Value)
Security (Value)
Security (Value)
Security (Value)
Security (Value)
Sustainability (Value)
Sustainability (Value)
Sustainability (Value)
Sustainability (Value)
Privacy (USP/UVP)
Privacy (USP/UVP)
Privacy (USP/UVP)
Privacy (USP/UVP)
Scalability (USP/UVP)
Scalability (USP/UVP)
Scalability (USP/UVP)
Scalability (USP/UVP)

CIAM Solution

A Trusted Customer Identity & Access Management Solution

01
Trust & Passwordless

Mobile phone is the most trusted device by the user and only one mobile phone is enough for multiple applications registered on G-CCS authentication. Users, customers and partners can reuse their mobile phone identity without creating a new login and password. This results in less friction and higher security.

02
Data Transparency

As users use the same device with a unique ID across multiple business applications and organizational systems, this is a more efficient method for both of reporting data usage and access. G-CCS, based on international standards, privacy laws and regulations, shows excellent performance to update user profile and to process their history.

03
Audit Trails & Forensics

Using the same device with a unique ID also supports compliance reporting, audit trails, and forensic investigations. This also streamlines compliance reporting processes.

04
Advanced Security

G-CCS is already the next generation secure authentication MFA with blockchain. It allows partners and customers to connect their own ID with password or other preferred robust, enterprise-ready security and advanced technologies such as eKYC, MFA, conditional access and authentication.

05
Enhanced User Experience

G-CCS is not only about security and privacy protection but also offers fast, convenience and frictionless user experiences. G-CCS supports varied technologies over blockchain, Artificial Intelligence, Machine Learning and algorithms.

Go passwordless with Guardian-CCS!

The Next Generation Secure Solution, G-CCS

01 G-CCS is the global leader in passwordless blockchain-based secure access authentication MFA.

02 G-CCS is designed for security, privacy and trust in the cloud and on-Premise throughout digital access lifecycle management.

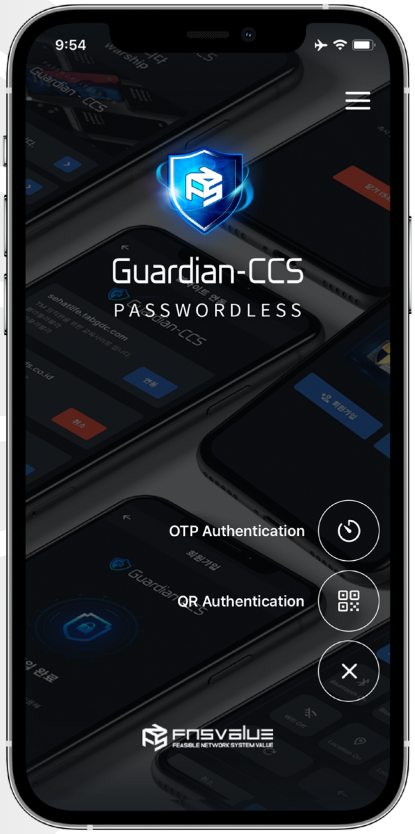
03 Our solution delivers the next generation passwordless secure multi-factor authentication to reduce risks created by ID, password, credentials and secrets.

04 Our solution is trusted in leading organizations including government, financials, education, ICT Services, enterprise & SME with more than 1 million users and 25 customers to prevent external attackers and malicious insiders.

05 G-CCS empowers our customers to significantly reduce their risks in digital environment and complies with international standards and regulatory requirements.

06 As the solution services provider, we strictly adhere to high security practices and fully comply with corporate policies including:

- ISO/IEC 27001:2013 certified Information Security Management System (2021)
- ISO/IEC 15408-1:2009 certified Common Criteria for Information Technology Security Evaluation (2022)
- SOC 2 Type 2 compliant (2023)
- Support PDPA, BNM RMiT, MAS TRM, PCI-DSS, HIPAA, EU GDPR compliance requirements
- Network, applications and infrastructure security including best-in-class systems and technology solutions
- Physical security with stringent policies and procedures
- People security including ongoing training, education and background checks
- Ongoing risk, compliance and security assessments
- Services Level Management with SLA/SLG
- Business Continuity Management and Disaster Recovery Plan



Quality Management Certificate

Software Quality Certificate

FNSV Outstanding Award Certificate

Copyright Certificate

Main-Biz Certificate

Inno-Biz Certificate

KOIST Certificate

COMMON CRITERIA
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ISO 27001

AICPA SOC

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