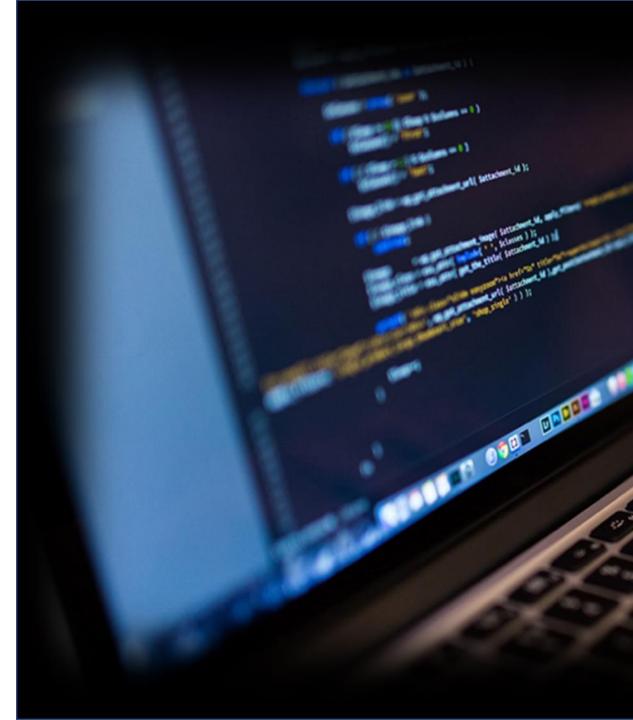
TrustSoT Solution Intoroduction

2022



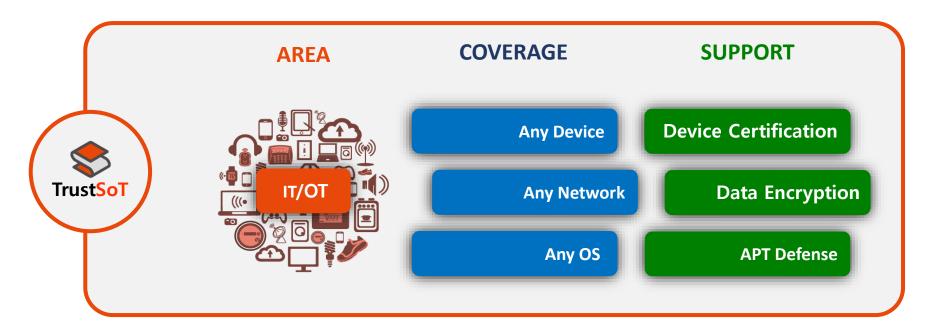


Chapter 1

TrustSoT Concept

Based on its own patents, TrustSoT

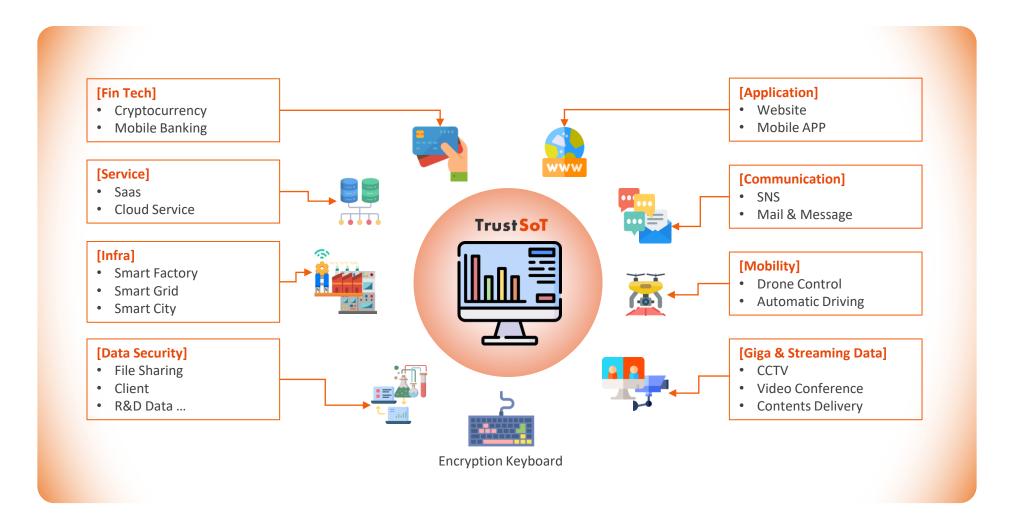
- uses ultra light software library, device certification, and encryption at the point of data generation technologies to
- regardless of types of 「Decive」, 「Network」, and 「OS」.
- provide the most optimal security system that satisfies the customer's objectives in 「private information」, 「confidential information of companies and public institutions」, 「consignment management information such as Cloud」, and 「large file streaming videos」, as well as 「Remote and Automatic Control Industry (OT/ICS Note 1)」」 and 「Communication Infrastucture Construction」



Note 1) OT/ICS: "Operational Technology/Industrial Control System"



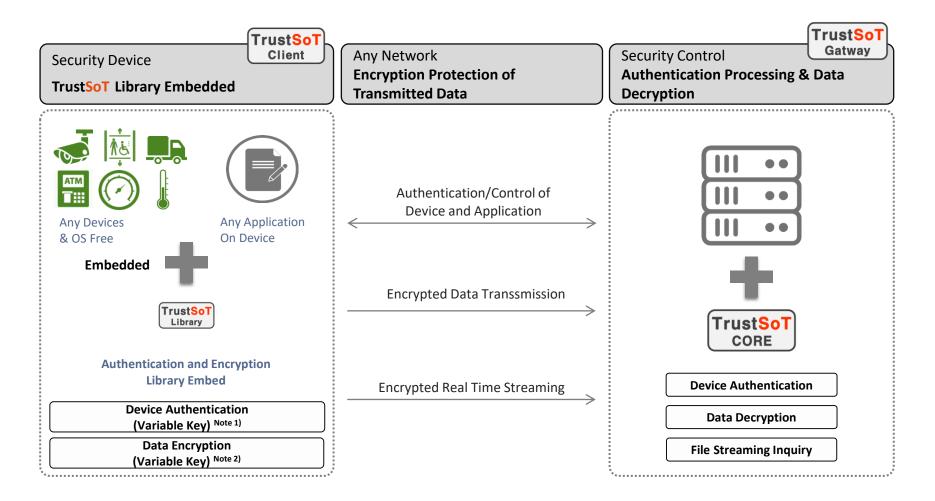
■ TrustSoT is applicable to all areas and it encrypts and protects key data and control commands in various types of networks.



Chapter 2

TrustSoT Core Technology

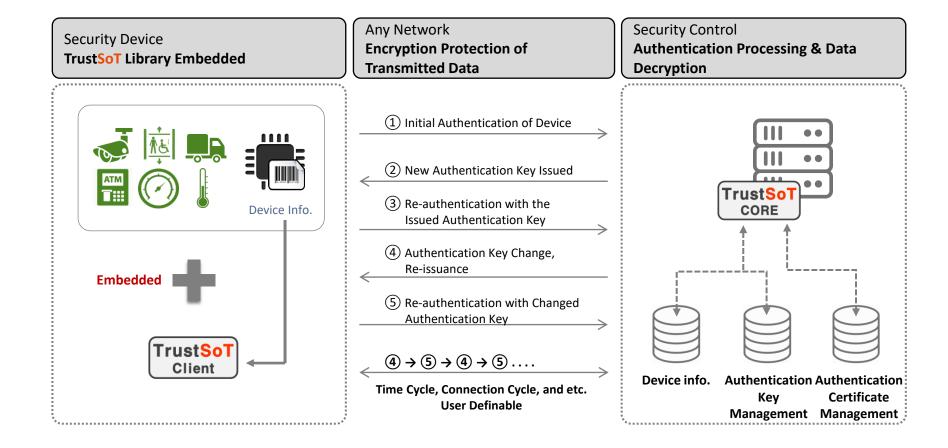
Certification/Encryption



Note 1) Refer to "**Device Authentication**" on Page 7~8 Note 2) Refer to "**Data Encryption**" on Page 9~10

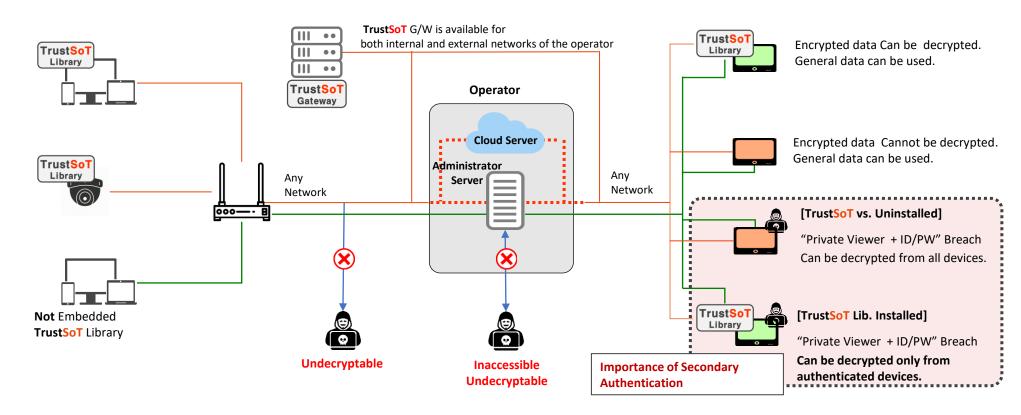


■ Devices to which **TrustSoT** is applied are authenticated based on unique (individual) information of the device, and after initial authentication, a new authentication key is renewed every time the system is connected to maximize authentication reliability.

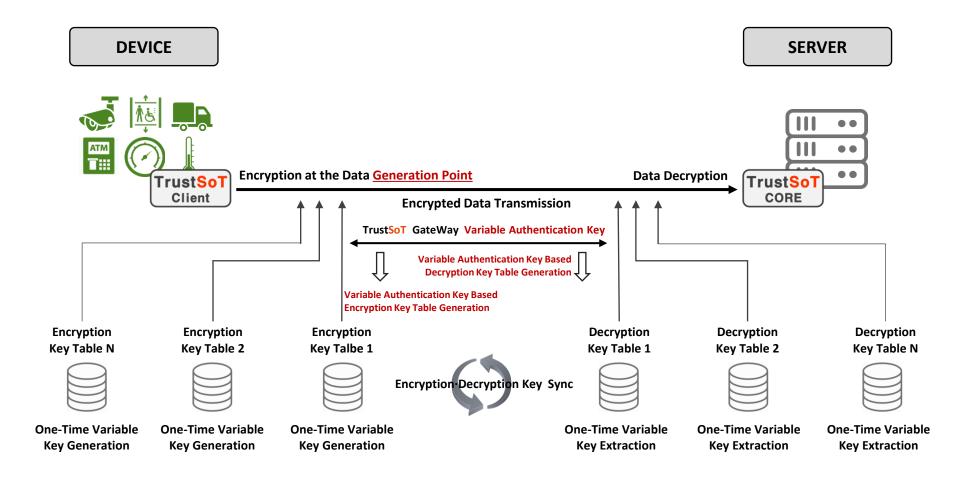


■ Importance of Variable Authentication Key Based Secondary Authentication of TrustSoT

- After the initial authentication, which is in physical form through ID and password, a continuous secondary authentication takes place in accordance with pre-determined policy such as time and connection, without requiring any additional actions by the user.
- Even when ID and PW are stolen, access is not possible except to the authenticated device, and even when ID, PW, and authenticated device are all stolen, video access and information theft are impossible as the device is controlled.



■ A device, on which **TrustSoT** is applied, performs data encryption based on a random one-time variable encryption key from the time of the data generation to completely protect all data that are being transmitted or stored (supports standard authentication encryption module and algorithm).



■ TrustSoT vs. Existing Data Encryption

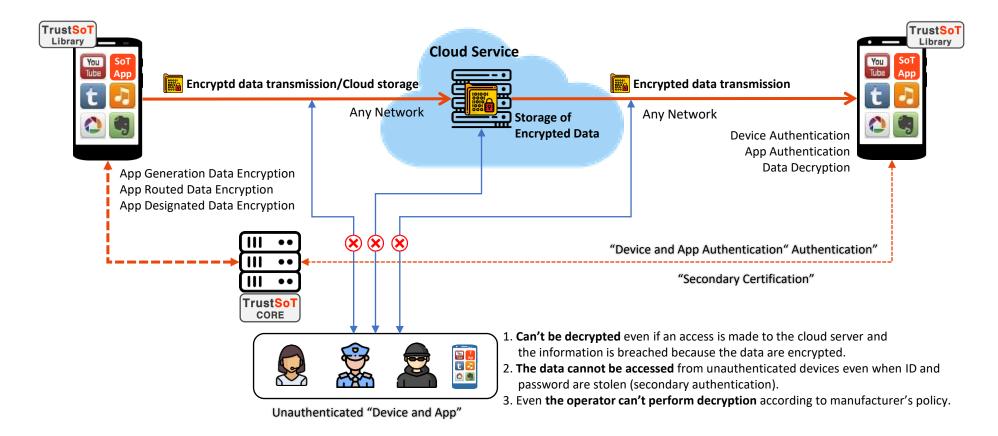
TrustSoT	TPM Method	Chip Method
 Can be protected through software based authentication and implementing encrypted library. Embedding through updates on previously deployed devices. 	☐ Hardware production phase must be taken into consideration in the design for TPM authentication.	△ Hardware production phase must be taken into consideration in the design for chip authentication and data encryption.
■ Device authentication based on variable authentication keys.	☐ Fixed key based authentication method.	△ Most use fixed key based authentication method. ※ The data can be decrypted when the fixed key is breached.
Encryption of generated data and decryption of received data.Wariable Encryption Key Sinc Technology	☐ Generation data cannot be encrypted.	
 No need for encryption of communication interval. X Can't be decrypted even when it is breached because the transmitted data are encrypted. 		
■ Possible to centrally manage document security by using TrustSoT file viewer.		
■ Monitoring and control of authentication and received data status.		
■ Can be operated even in low specification, low power environment like IoT.	☐ Difficult to implement in low specification, low power environment.	△ Difficult to implement in low specification, low power environment such as IoT because encryption of communication interval is necessary.

Chapter 4

TrustSoT Case Study

■ All data of an application, on which **TrustSoT** is applied, are encrypted and uploaded to a cloud server immediately upon its generation.

Therefore, not only unauthenticated devices, but also the cloud service operator cannot view the customer data. It is possible to provide a cloud service which resolves security risks of confidential information being stored in a third-party institution.



Encrypted data stored in the cloud cannot be decrypted not only by hackers but also by the cloud operator and during official verification processes.

■ TrustSoT Cloud Security vs. Typical Cloud Service

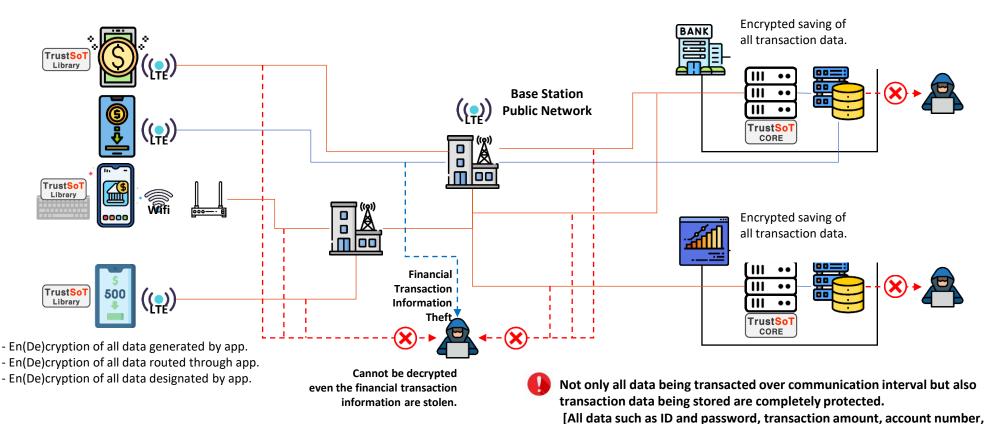
Classification	TrustSoT Cloud Security	Typical Cloud Service
App Authentication Method	Two-step authentication method of "terminal + app" through variable key of TrustSoT.	General authentication method based on "ID and MAC address."
Data Protection	Encryption at the time of data generation at TrustSoT authentication App.	No other data protection (encryption and etc.) support available.
Network Security	Upload to and download from data in encrypted form . (Data can't be decrypted even if they are hacked in the network.)	Data can be breached by network hacking during the upload.
Cloud Hacking Preventive Measures	Data can only be used in authenticated devices (applications) because encrypted data are uploaded to the cloud.	All data are vulnerable to breach when the cloud is hacked (ID and password breach and etc.).
Handling of Stolen Terminals	Complete protection of data uploaded to cloud by disabling applications of the stolen terminal.	There is no other countermeasuer than but to change the ID and password for accesing the cloud.

Solution1

All date generated in banking applications are encrypted at the time of generation by applying **TrustSoT** to provide complete protection of all transactions.

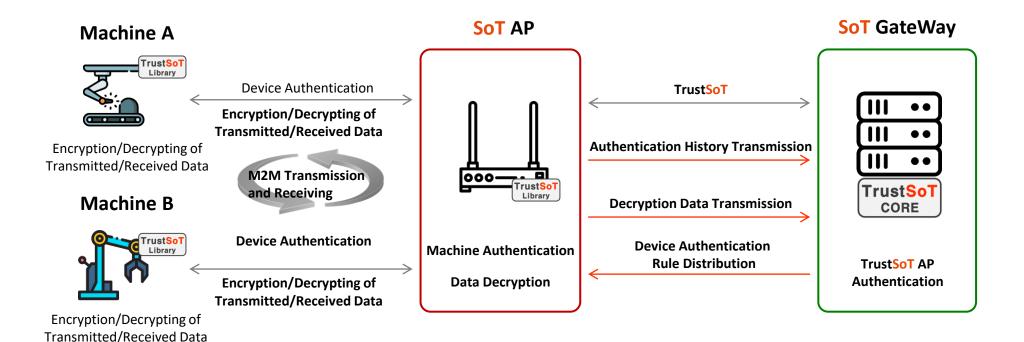
■ Solution2

All transactions are completely protected through encryption of all data entered, stored and transmitted by applying **TrustSoT** "**Security Keyboard**" (page21) inside the banking applications.



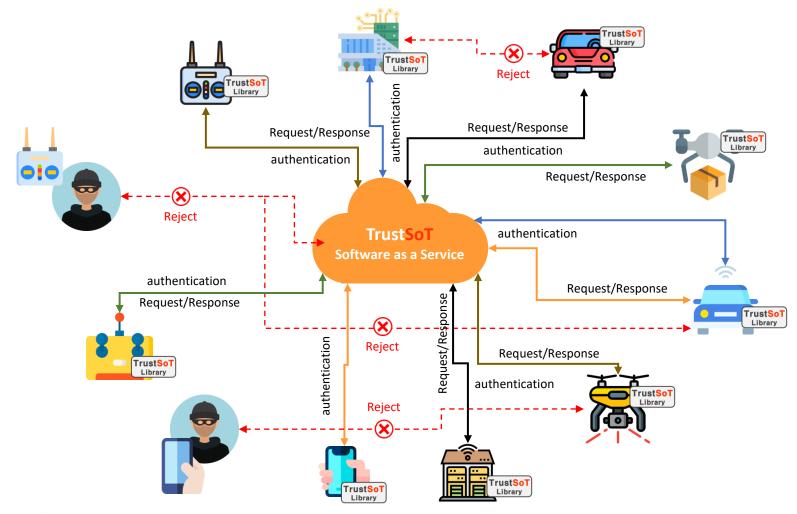
counterparties of the transaction.]

■ **TrustSoT** supports device authentication and data protection that are optimized for various lot convergence applications.



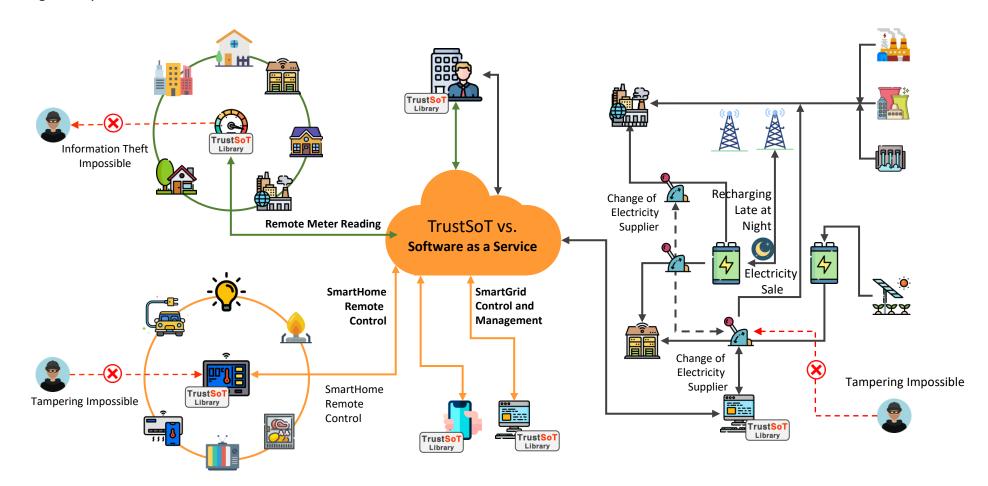
Device to device authentication as well as fundamental protection of communicated data can be provided through implementation of TrustSoT solutions (AP, GateWay, and etc.) in M2M construction of enterprise and public infrastructures.

■ TrustSoT supports protection of control signal of various mobile objects and authentication for the control devices.



Misoperation can be preemptively prevented through authentication between mobile objects and controlled devices, and complete protection of control signals.

■ **TrustSoT** supports authentication and protection of data communicated by various types of industrial goods, as well as light duty lot devices.



Prevention of misoperation and information breach through authentication between devices, as well as complete protection of control signals and device generated data.

Chapter 3

TrustSoT Product

By applying TrustSoT-based technology to solutions in various fields of IT as well as industrial controls in the OT/ICT field, we continue to work on developing applications and products that can be implemented directly on customer environments.

TrustSoT CORE

Gateway Devices Authentication/Data Encryption

Supports ultra-light library based security authentication for all devices within the network, as well as complete encryption and decryption of communication data of reciprocally authenticated devices.

TrustSoT Keyboard (Keyboard entered data encryption)
Plug in + Gateway

By using a **TrustSoT** technology based virtual keyboard plug in, all texts entered are encrypted, stored, and transmitted without manipulating existing keyboard and therefore all data generated through the keyboard are fundamentally protected.

Software

TrustSoT File (File Encryption)
Application+Gateway

A file security solution that encrypts and transmits files through an application installed on the device and allows file receivers to stream files by using **TrustSoT** Private File Viewer only.

TrustSoT IMG (Video Data Encryption) **Application+Gateway**

Provides prevention of illegal reproduction and distribution of video content, such as encryption and decryption of video data, capture prevention, and remote hacking prevention, through an application (agent) installed in cameras.

TrustSoT Mail (Mail Encryption)
Plug in + Gateway

Fundamentally protects all texts and attached files transmitted through all web mail services by using a **TrustSoT** technology based web browser plug in.

Supports sent mail security control even after an email is sent

TrustSoT OT/ICS (SCADA/PLC Control Data Encryption) **Application+Gateway**

Detects malware, issues relevant warnings, and blocks internal spread of the malware through device authentication, encryption of control data, illegal access monitoring, prevention of information breach, and agent based processes monitoring by using an agent installed on SCADA control devices.

Hardware

TrustSoT Security Camera (Security CCTV Camera)

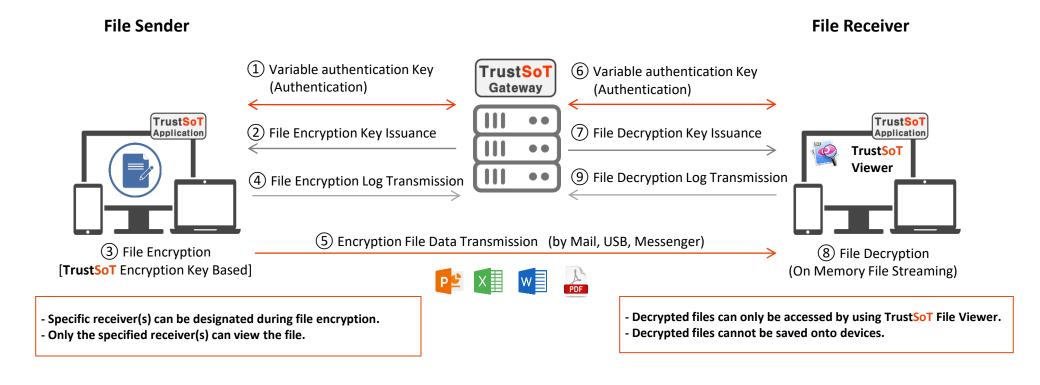
with TrustSoT IMG

TrustSoT LTE Router (Security LTE Router)

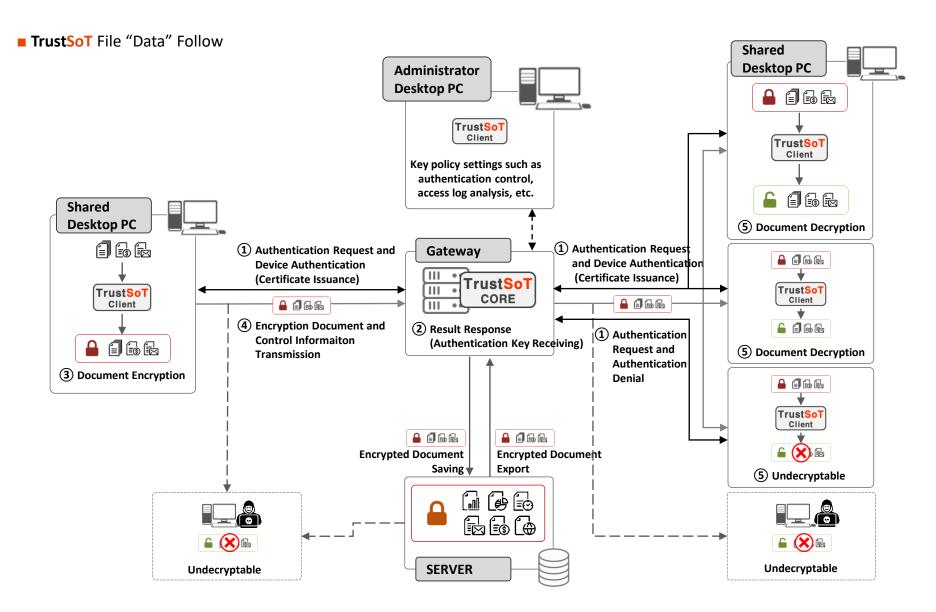
with **TrustSoT CORE** (Certification/Encryption)

Software

■ A device, with the 「TrustSoT File」 application installed, encrypts and transmits files, and a user, with the 「TrustSoT File」 application installed, who receives the transmitted files, obtains authentication through 「TrustSoT Gateway」. Additionally, the files can only be decrypted and accessed by using a private 「TrustSoT File Viewer」, without abilities to be saved to devices. Therefore, all transmitted document files are completely secured and can be centrally managed over not only within the internal network but also over all areas.



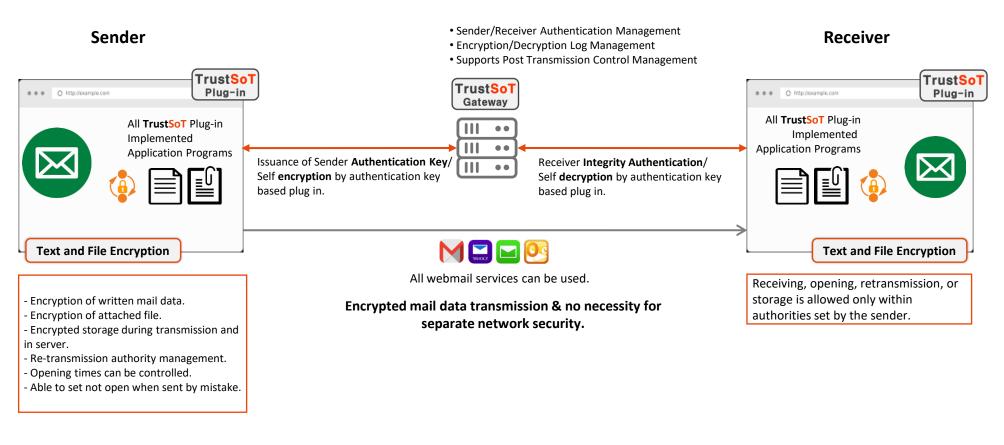
■ Encrypted mails exchanged between 「TrustSoT File」 users cannot be decrypted in TrustSoT Gateway either.



■ TrustSoT File vs. General Document Centralization Technology

Classification	TrustSoT Gateway	General Document Centralization Method
Transmission Interval Limitation	Encryption over data transmission interval is not necessary.	☐ Need to establish internal closed network.
	■ When sending files to the outside, the documents are encrypted before transmission	 ☐ File encryption is optional and general encryption method is used. ☐ Permission or authority is required when experting
File Encryption	■ File breach can be prevented even when there is hacking attack because encrypted data are transmitted by using variable encryption keys.	external files.
	A user who encrypts the file can specify receiver(s) and only authenticated receiver(s) can view the file.	☐ Computing environment of external user(s) who receive the file can't be controlled (only export records exist.).
File Protection	■ A receiver can only view decrypted files and can't save the file to private device(s).	

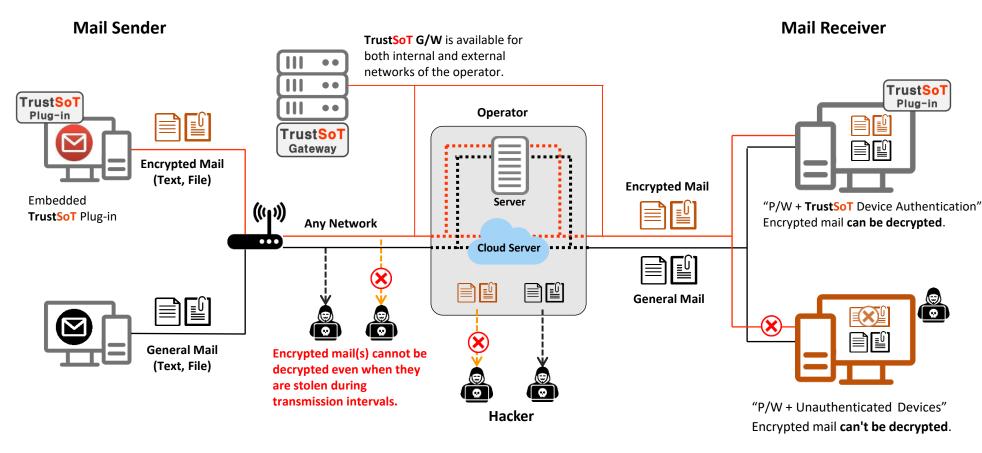
■ Texts and attached files of webmail, SNS, and mobile applications are encrypted through 「TrustSoT Mail」's plug in for web browser. Additionally, various types of security control and post management are supported even after the mail transmission. Creation of secured mails and post-transmission management of such mails are possible through TrustSoT Library or Plug-in without a separate network security solution.



Encrypted mails exchanged between 「TrustSoT File」 users cannot be decrypted even in TrustSoT Gateway either.



■ TrustSoT Mail "Text & File" Follow



Encrypted mail(s) that are stored in the operator's server or cloud cannot be decrypted even if they are stolen.

(General mail(s) in storage can be viewed when they are stolen.)

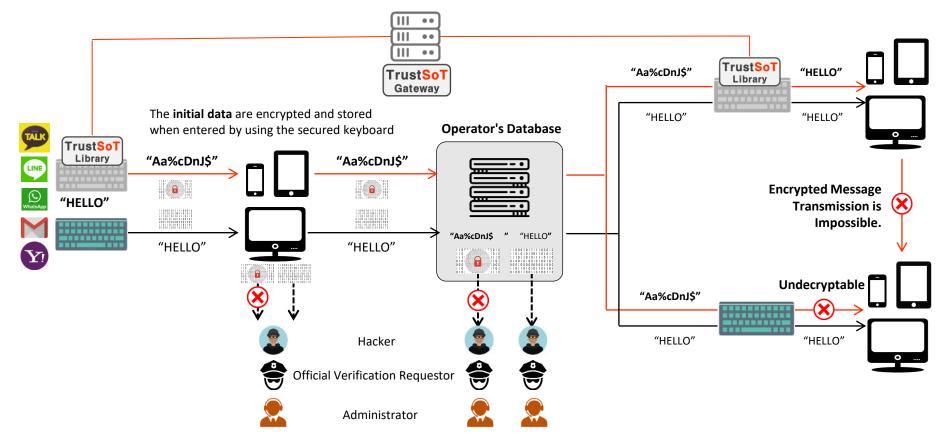
 Encrypted mail cannot be viewed from unauthenticated device(s) even if the password is stolen.

■ TrustSoT Mail vs General Secured Mail Solution

Classification	TrustSoT Mail	Gmail Security Service (USA, Company 'C')	Information Leak Prevention Solution (KOR, Company 'U')
User Authentication	 Complex authentication through browser plug in. No need for installation of separate application(s). Complete authentication security through variable authentication. 	 ☐ User authentication through mail receiver's password. ☐ All mails can be viewed if the sender's password is known. 	△ Authentication through Agent (Software) Installation.
Date Security	 All encryption algorithms can be implemented. TrustSoT data security technology implementation. Encrypted on mail text browser. Encrypted file is attached through plug in. No limit on attached file size. 	 □ Security is based on password(s) set by the mail sender. □ Mail text AES25 encoding is supported. □ when attaching a file to an email, AES25 encoding is done first and then uploaded/ linked to cloud of the company C. □ The maximum size of attached file is limited to 100M. 	 △ Data is transmitted after encryption by uploading the texts and files to the server. △ Such data can be decrypted in all terminals that have a viewer (agent) installed. △ The server limits size of attached file(s).
Compatibility	Compatible with all operating systems and browsers.All mobile application libraries are supported.	☐ Compatible with certain web browsers onlyExclusively for Gmail service.☐ Need to download exclusive mobile application.	 △ Only supports operating system provided by the agent. △ An exclusive viewer must be installed for data access.
Solution Deployment ROI	TrustSoT Gateway and plug in costs are the only expenses.Can be implemented on all mail services.	☐ Service charge of \$5.00/month for each user.☐ Only can be used with Gmail service.	 △ Expenses are incurred for the solution deployment (server, agent). △ Expenses are incurred for network and terminal securities when necessary.

■ As an initial input device for all devices, on which 「TrustSoT KeyBoard」 Library is implemented, encryption is applied from the point of data generation to enable complete data protection without interlocking with other security solutions over communication intervals.

Additionally, the encryption is maintained even after the data is shared and decryption of each device is enabled/disabled by "central command(s)". (Competitive Edge)

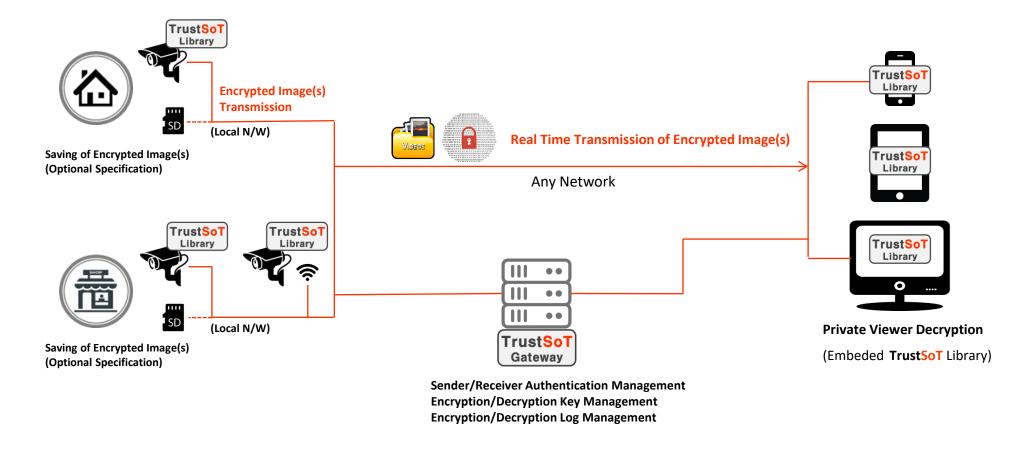


Encrypted data stored in the cloud or in the oprator's server cannot be decrypted not only by hackers but also by the cloud operator and during official verification processes.

Key Functionaities

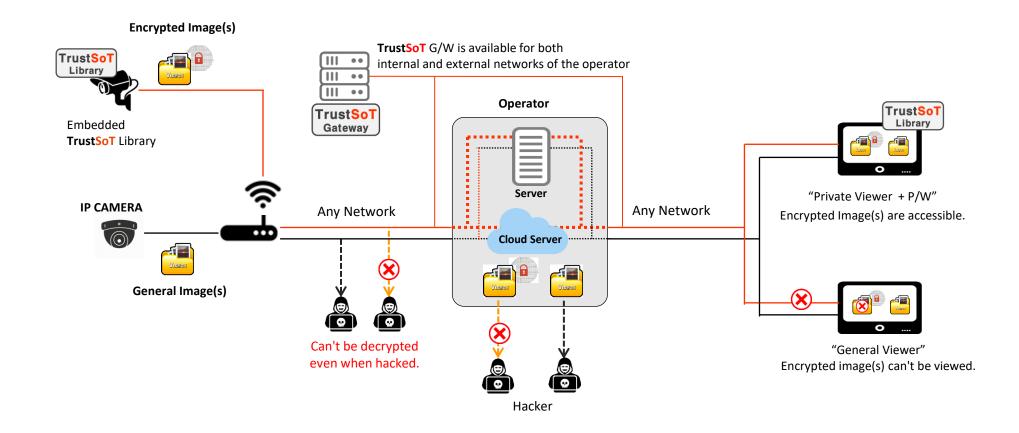
Classification	Functionalities
Commercial Encrypted Keyboard	 □ All documents and applications, including messenger(s) and mail(s), as well as generated data are encrypted. □ Only counterparts (person(s), device(s)) that are designated with decryption authority can decrypt when sharing the encrypted data. □ Items such as number and time period of decryption can be limited. □ Decryption authority can be revoked. (Even if the decryption authority has been previously given, user(s) whose decryption authority is revoked afterwards cannot decrypt phrase(s) written before and after the revocation of authority.)
Corporate Encrypted Keyboard	 ☐ All functionalities of general encryption keyboard are implemented. ☐ Collection of keyboard input/encryption/authentication logs. ☐ Partial monitoring of keyboard installed device(s) (such as screen captures and malware operation).
Additional Special Functionalities	 □ Conversion of character strings into image(s) or RGB (saving and sharing). □ The members of the messenger window displayed on the screen are automatically recognized (members of private chat rooms, group chat rooms, etc.) by using open API provided by the operator. -Secure saving and recovery of data through cloud service (backup) of encrypted data.

■ Illegal theft, reproduction, and distribution of images are fundamentally prevented even if image data is breached because the data of visual data generating device(s) such as CCTV cameras, on which 「TrustSoT IMG」 Library is implemented, are encrypted from the time of data generation.



Partive image(s) exchanged between 「TrustSoT IMGI」 users cannot be decrypted in even in TrustSoT Gateway either.

■ TrustSoT IMG "Video & Image" Follow

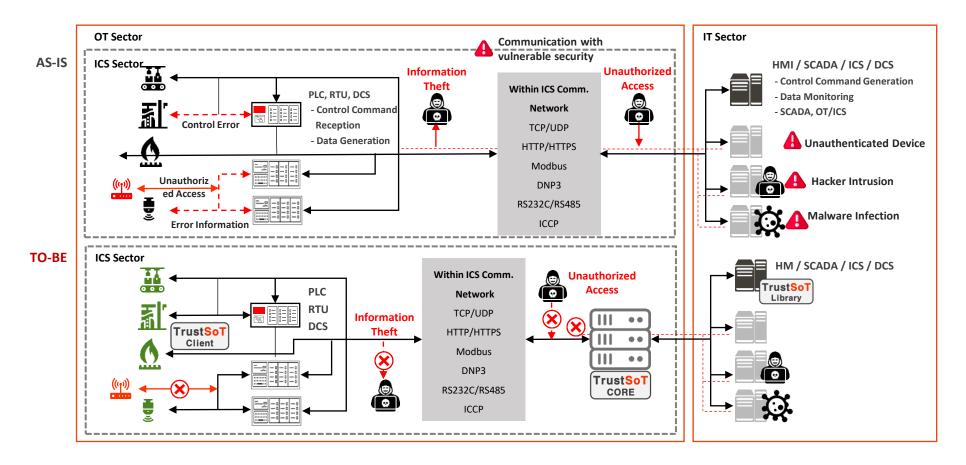


Encrypted image(s) that are stored in the operator's server or cloud cannot be decrypted even if they are stolen. (General mail(s) in storage can be viewed when they are stolen.)

■ **TrustSoT IMG** vs General CCTV Encryption Technologies Comparison

Classification	TrustSoT vs.	General CCTV Encryption
Transmission Intervals Limitation	Header encryption immediately upon image(s) generation.Encryption over data transmission interval is not necessary.	Encryption of visual data at the time of generation is impossible.Header encryption within data transmission interval.
Data Preservation	 Header encryption and self storage immediately upon image(s) generation. Data are preserved within set capacity limit even when the communication is lost. 	 Encryption method for visual data transmission. Untransmitted data are lost when the communication is lost.
Data Protection	 Supports variable authentication key based termianl security authentication. Data breach can be prevented even when there is hacking attack because data that are encrypted in real time are transmitted by using variable encryption keys. 	 □ Basic terminal authentication by using IP or MAC address methods. □ No data protection is provided when encryption key is compromised because fixed key based header encryption is used over the transmission interval.
Point of Data Encryption	■ The only light load solution that encrypts CCTV image(s) data from the point of date generation (AES256 or above)	☐ Encryption at the point of transmission instead of the point of image(s) generation.

- TrustSoT OT/ICS _ provides protections for OT/ICS (industrial controls) areas, that require various types of protection systems because there is no special protective measures for device controls and monitoring due to characteristics of the network constructions (internal networks/close networks), through such methods as device(s) authentication, data encryption, and event monitoring to resolve various security issues that can occur.
- TrustSoT OT/ICS "Control Signal/Data" Follow



Key Features of Gateway and Module

TrustSoT Slave Module

- \cdot Decryption Key Request
- · Control Command Decryption and Confirmation
 Certificate Issue/Revocation Request
- \cdot Data Generation, Authentication Information Transmission
- · Transmission Date Generation/Receiving Date Analysis

TrustSoT Gateway

- · Data Proxy
- · Authentication and Access Control between
- Master and Slave
- ·(Authentication, Encryption) Variable Key
- Management
- · Transmission Data Analysis Monitoring Log Collection

TrustSoT Master Module

- · Encryption Key Request
- · Control Command Encryption
- · Certificate Issue/Revocation Request
- · Data Authentication Information Confirmation
- · Transmission Date Generation/Receiving Date Analysis

Additional Functionality in OT/ICS Sector: Prevention of Internal Malware Spreading

Classification	Paloalto	Symantec ATP (Advanced Threat Protection)	TrustSoT
Prevention of internal spread after malware infection	× Open/closed malware blocking	× Open malware blocking	Open/closed malware blocking Execution Warning and Prevention of Inte rnal Spread (Blocking)
Generation File Protection	×	×	0
ICS (Industrial Controls System) Protocol Support	×	×	0
Device User Monitoring	×	×	0
File Breach Protection	0	×	0
Key Functions	Intrusion Blocking	Intrusion Blocking	Spread Blocking Data Encryption

Hardware

	Items	Specifications	Items		Specifications
	Wireless	IEEE802.11b/g/n	Motion Det	ection	Automatically turns on when motion is detected. (Detection Distance: 5m)
Vi	deo File Output	HD960P	Lens		3.6mm/90° viewing angle lens (Option : 2.8mm/120°)
Со	mpression Type	H264O	Audio Sup	port	Remote Two-way Audio Transmission and Receiving Function
OS	Smart Phone	Android, iOS	Power Consu	mption	< 5W
U3	Desktop Computer	Windows	Bulb	LED	25 pcs
St	torage Memory	2 ~ 64GB micro SD	Quantity	Infrared	4 pcs (Night Vision 8~10m)
	Back Up	Mobile, PC	Socket	İ	272622
L	ens Resolution	1.3 mega pixel	Weigh	t	280 g
	Alarm	Motion detection, sound, message, lighting	Operating Environment		-20°C ~ 50°C
	Storage Time	Upto 24 days/64G micro SD	Power Supply		Weidmuller 100~250V AC

IB-175W [White Light]





IB-175Y [Warm Light]









imes The above specifications may be modified during product deployment review phase.

- General Viewer: Image(s) of "CAM1(BV0194B)", a camera with no **TrustSoT** Library implementation can be viewed.

 Impossible to access encrypted image(s) of **TrustSoT** Security Camera "CAM2(JP00002B)" and "CAM3(JP00003B)".
- Exclusive Viewer: Encrypted image(s) of **TrustSoT** Security Camera can be viewed (decryption).







TrustSoT Private Viewer (Android)

■ TrustSoT IMG Image(s) Encryption Performance Inspection Results



かル接続		測定②~暗号化	ごなし(カメラ直接)	・ローカル接続	
差分	差分 (平均)	PC時計	動画	差分	差分 (平均)
0:01.158		15:58:01.560	15:58:00.387	00:00:01.173	
0:01.174		15:59:01.930	15:59:00.764	00:00:01.166	
0:01.151	00:00:01.172	16:00:03.291	16:00:02.132	00:00:01.159	00:00:01.160
0:01.174		16:01:09.404	16:01:08.238	00:00:01.166	
0:01.204					
	映像の暗号化/	16:02:05.961	16:02:04.795	00:00:01.166	
き視カメラト		復号処理によ	る遅延: 6		ペット経由
視カメラ		復号処理によ	る遅延: 6	ミリ秒	ベット経由 差分 (平均)
視力メラ の (1)・インターネッ 差分	小経由	復号処理によ	る遅延: 6	ラ直接)・インターネ	
達力 3)・インターネッ 差分 0:01.201	小経由	復号処理によ 【参考】測定④~ PC時計	る遅延: 6	ラ直接)・インターネ	
を 注視力メラロ (1)・インターネッ 差分 (2):01.201 (2):01.207	小経由	復号処理によ 【参考】測定④~ PC時計 16:03:52.539	る遅延: 6 -暗号化なし(カメ 動画 16:03:51.258	ラ直接)・インター名 差分 00:00:01.281	差分(平均)
:視力メラ ほ 3)・インターネッ	小経由 差分 (平均)	復号処理によ [参考]測定④~ PC時計 16:03:52.539 16:04:55.657	る遅延: 6 一暗号化なし(カメ 動画 16:03:51.258 16:04:53.992	ラ直接)・インターネ 差分 00:00:01.281 00:00:01.665	

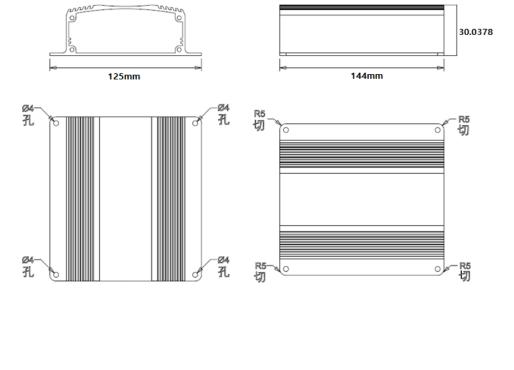
<結果考察及び備考>

- SoT経由(暗号化/復号処理)とカメラ直接間に堅調な遅延影響は認識できず。
- 取得結果にブレが生じている点は、ネットワークの品質もしくはカメラの映像配信処理にも依存している可能性がある。
- ・インターネット経由での測定は時間帯によるネットワーク遅延の要素が加味されるため、実使用時の参考までとする。

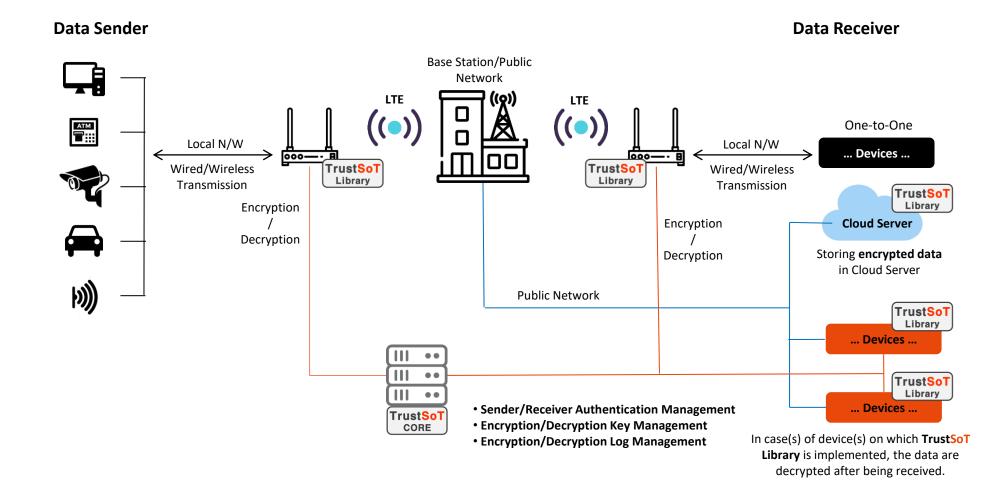
Hardware	Indoor Type with PSE	Remarks
CPU	ARM Cortext-A8 AM3352 (600MHz)	
Memory	512 Mbyte	
Flash Memory	eMMC 4 Gbyte	
LAN	1 x 10/100 Base-T With 35W PSE	
WAN	1 x 10/100 Base-T	
Wi-Fi	IEEE802.11 a/b/g/n 2.4G/5G Dual Band	
3G/LTE Dual Mode	M.2 Con. Support	
LTE Antenna	2dBi, 1T1R Dipole Antenna	
Status LED	1-LTE, 1-LAN, 1-WAN, 1-PWR, 1-WIFI	
USB 2.0	Host port 1	
Console	RS-232 Lite	RX,TX,GND
Surge Protection	10/700μs / 400W	
ESD Protection	Contact: ±8KV, Air: ±15KV	
Operating Temperature	-40 ~ 85°C	
Operating Humidity	10 ~ 90%	Non-condensing
Input Voltage/Current	DC 24V / 2.5A max Adaptor	
Power Consumption	<10W (35W / PSE 1port)	
Dimension	144mmx125mmx32mm	
Weight	< 380g (< 430g in case PSE)	

Software	characteristics	
	Multi and Bonding Tunnel	
	Split Tunneling	
-	IPsec, IKE Version 1,2	
VDNI	Transport/Tunnel Mode	
VPN	Crypto Algorithms(3DES, AES123/192/256)	
-	Authentication Algorithms (MD5, SHA1, SHA2)	
-	Dead Peer Detection	
-	NAT Traversal	
	Stateful packet Inspection	
Firewall	Tuples direction/Type	
Firewall	Static, Dynamic NAT	
	Exclude, Double NAT	
	Route Mode/ Multipath route	
Notwork	Policy based routing	
Network	QoS / DHCP Server, Relay	
	DDNS/ LLDP	
ID: G	IPv6 Routing/Firewall/Ipsec	
IPv6	6 to 4, ISATAP	
	SNMP v1/2/3	
Managomont	CLI, Web UI	
Management	Syslog	
	System Firmware update function	

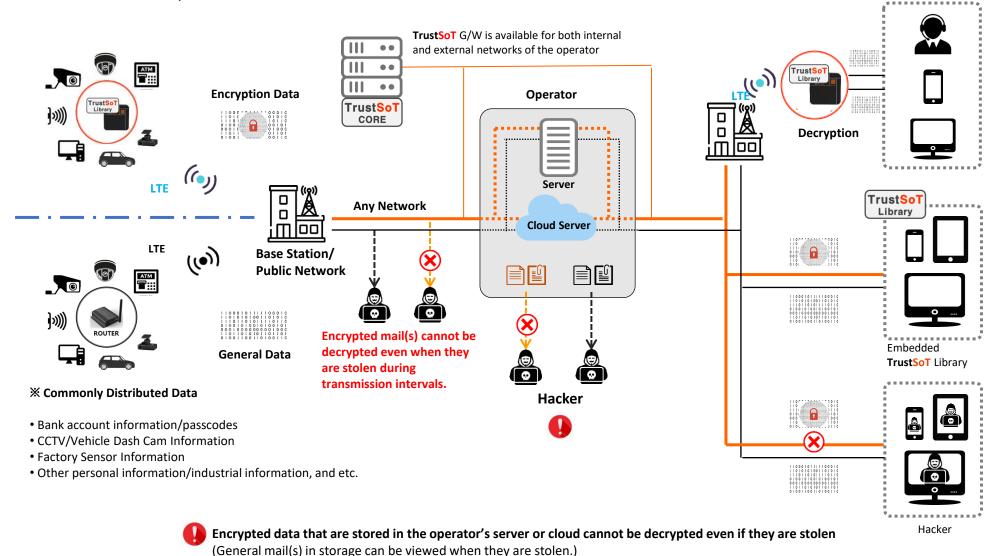




■ When data generated by all devices are LTE transmitted through "TrustSoT LTE Router", encrypted transmission and storage of the data are possible even when they are done over a public network or by using cloud service.



■ TrustSoT Security 4G Louter "Data" Follow



■ TrustSoT SCADA/PLC Demo System Software Configuration

Classification	Linux	Windows
Version	Kernel 3.X or higher	7 or higher
Standard Distribution Version	Ubuntu 18.04, CentOS 7.6	Windows 7, Windows 10
Implementation Environment	C/C++, Python 3.X, Shell script	C/C++, Python 3.X, C#
Library	GCC 7.1 or higher	.NET 4.0 or higher
Development Tool	Supports most development tools.	Visual studio 2017 or higher
Database	Postgressql 11 or higher	Postgresql 11 or higher
Packaging Method	Self-execution and Docker	Self-execution and Docker



■ TrustSoT SCADA/PLC Demo System Hardware Configuration

Classification	Minimum Specification	Standard Specification	Maximum Specification
CPU	4Core	8Core	8Core
CPU Architecture	Intel x86_64	Intel x86_64	Intel Xeon
Memory	8GB	16GB	32GB
SSD	256GB	1TB	1TB x 4EA (RAID)
Network Card	Ethernet 1 Gbps Two or more	Ethernet 1 Gbps Two or more	Ethernet 1 Gbps Two or more
Power Supply	2 EA	2 EA	2 EA
Interface Port	USB 3.0	USB 3.0	USB 3.0
User	less than 1,000	less than 5,000	less than 10,000



■ TrustSoT SCADA/PLC Demo System



Classification	Components	
CPU	Siemens PLC 315-2 PN/DP	
DI	Siemens PLC 321 (32Points)	
DO	Siemens PLC 322 (32Points)	
DIN Rail	Siemens DIN Rail for CPU 3xx	
Power	Weidmuller 100~240V AC	
Button	24V DC Input Push Button	
Lamp	24V DC Output Lamp	

※ Sofrware

Siemens Operation, Engineering and **TrustSoT** encrypt communication library

Supply Performance



Samsung Electronics Co., Ltd.			
Samsung Fire & Marine			
Insurance			
Samsung Securities Co., Ltd.			

Samsung Heavy Industries
Co.,Ltd.
Samsung Life Insurance Co.,
Ltd.
SAMSUNG C&T

CORPORATION

Samsung SDS Co., Ltd.

Samsung Human Resources
Development Institute

Samsung Display Co., Ltd.

Samsung Corning Precision
Materials CO., Ltd.

SAMSUNG ELECTRONICS
SERVICE CO., Ltd.

SAMSUNG CORNING
ADVANCED GLASS



KEB Hana Bank	HANA CAPITAL CO.,LTD.	Hana Financial Investment CO.,LTD.
KEB Hana Card Co., Ltd.	HANA SAVINGS BANK.	Hana Financial Group Inc.
Hana Life	Hanatrust	HANAMEMBERS.



Veterans Health Service
 Medical Center

Incheon Bohun Hospital

Busan Bohun Hospital

Daegu Bohun Hospital

Daegu Bohun Hospital

Korea Veterans Health Service





































