

AirFRONT WiFi Authentication Solution

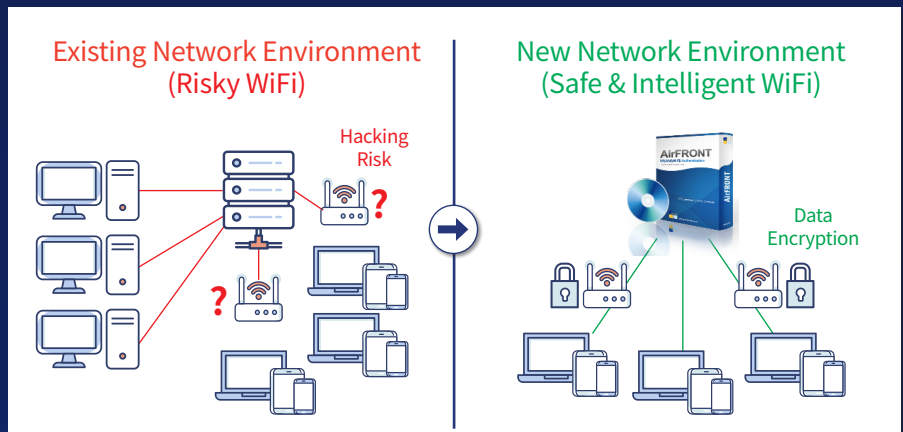
Benefit of AirFRONT

- Secured WiFi access with authentication guarantee SAFE Transaction
- Provides Data Encryption (AES 256) for all WiFi Transaction
- Authenticate all of Wired / Wireless devices with “ID” and device “Mac address”
- Intelligent WiFi network Management by ADMIN for WiFi device and Users

Why need Wireless WiFi Network with Authentication ?

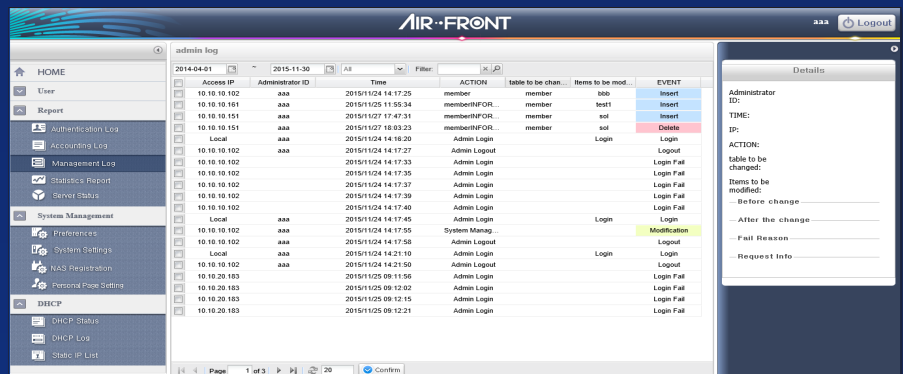
- Spread of WiFi / Wireless infrastructure need more secured protection from Hacking
- Increase of Mobile office environment need stronger authentication with ID, PW, Mac device information
- Increase of consolidation of various smart devices need secured transaction

WiFi Comparison “No Authentication” VS “Protected WiFi network”



AirFRONT - Intelligent ADMIN UI LOG

- **Home**
Service, System, Hardware Status / Daily, Weekly, Monthly Trend Analysis, Authentication count, Fail count, Usage Volume (DOWN & UP), Time
- **User management**
User management, Application User Management
- **Reports**
Authentication Log, Accounting Log, Management Log, Statistics Report, Server Status
- **System Management**
Preferences, System Settings, NAS Registration, Personal Page Setting
- **DHCP management**
DHCP Status, DHCP Log, Static IP List



AirFRONT features

Authentication

Smart Mobile Integrated Authentication module

- Support standard protocol of IEEE802.1x
- IEEE802.11i security (support higher than WPAv2)
- Follow TLS v1.2 : AES256 / SHA256 / RSA2048
- Support AAA standards
- Support RADIUS IPv6
- Expand the function of BYOD (Bring Your Own Devices)

Smart Mobile Integrated Authentication APP

- IEEE802.1x EAP Authentication
- WPA v1 / v2 Encryption
- Static / WPA-PSK easy setting
- Wi-Fi Auto Scan
- Profile based access support

Certificate

Private Certificate Tool

- Issue private CA
- Private CA
- Public certificate authority link



GS Certified
Products
(AirFRONT)



CC Certified
Products
(AirFRONT)

WiFi Authentication Use case



University / School WiFi Network Access Control

Student, Faculty member
WiFi Access
(Intelligent Management)



Enterprise Office WiFi Network Access Control

Intelligent Management
for Company WiFi Network
Access Office Notebook PC,
Smart phone Management



Hospital WiFi Network Access Control

Doctor, Nurse, Hospital
employee and patient
WiFi Access Intelligent
Management



Government WiFi Network Access Control

Government employee
WiFi Network Access
Intelligent Management



Military WiFi Network Access Control

Government employee
WiFi Network Access
Control



Banks and Financial Organization WiFi Network Access Control

Bank office Employee
WiFi network access
Intelligent Management



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