

# MINEW TAG

## Smart Office Solution

SHENZHEN MINEW TECHNOLOGIES CO LTD





# ONE-STOP IoT SOLUTION INNOVATOR



## About Minew

**Minew** founded in 2007. Listed on NEEQ in 2017. Minew is a world-leading IoT hardware manufacturer and a professional ESL full-scenario solution provider. Passed IOS9001, with 2400m<sup>2</sup>+ manufacturing area, owning over 104 patents, over 80 engineers, more than 300 employees, we supply our products and service in more than 100 countries.

- Minew was founded in 2007 in Shenzhen, China, and own factory was set up in 2010.
- In 2013, we ventured into Bluetooth Module market and certified by iBeacon program.
- In 2014, we passed IOS9001 certification and obtained Utility Model patent.
- Gained numeroud iBeacon copyrights and related patents , won the best hardware quanlity award, receiving a total of 104 patents in 2015.
- In 2016, Eddystone from Minew certified by Google and honored as the national high-tech enterprise, signed IoT strategic cooperation agreement with ARM.
- In 2017, innovated and successded in smart retail with yearly cumulative shipments of IoT products exceeded 12 million units. Listed on NEEQ and released brand new Bluetooth LE 5.0MTag.
- In 2018, MTag and Blurtooth gateway won the title of the innovative product. R&D in muticolored screens of ESL, and set up the advanced fully-auto SMT lines.
- In 2019, we already achieved great performances in ESL smart retail and expanded to the smart warehouse, healthcare, and building.
- In 2020, Minew was involved in the compling of the whitepaper of Bluetooth AoA technology for high precision localization.

As the adopter member of Bluetooth SIG, FiRa, GP (GreenPartner) of Sony and the exclusive strategic partner of Nordic in Asia & Pacific region, we have stable supply capacity and our product quality is recognized by the whole industry.

Minew Group has 3 IoT subsidiaries (all of which are self-developed and have own factories):

- Electronic Labeling System (E-ink technology, one-stop solution with fully self-developed hardware and software)
- iBeacon (AoA Series / smart wearable / sensor tag / Bluetooth Beacon / IoT gateway)
- Semi (IoT module / UWB Module / LoRa Module)

Headquarter's Official website: [www.minew.com](http://www.minew.com)

Electronic Labeling System: [www.minewtag.com](http://www.minewtag.com)



# Qualification certificate



Test report **50+**



Software copyright **80+**



Patent certificate **90+**



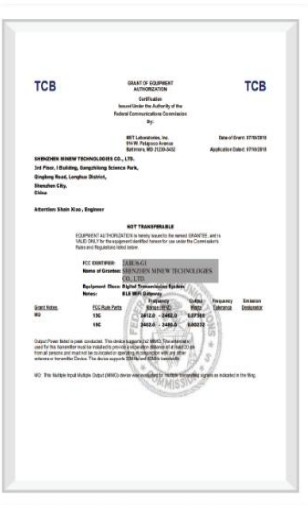
ISO9001



BSCI



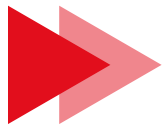
CE



FCC

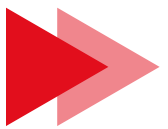


RoHS

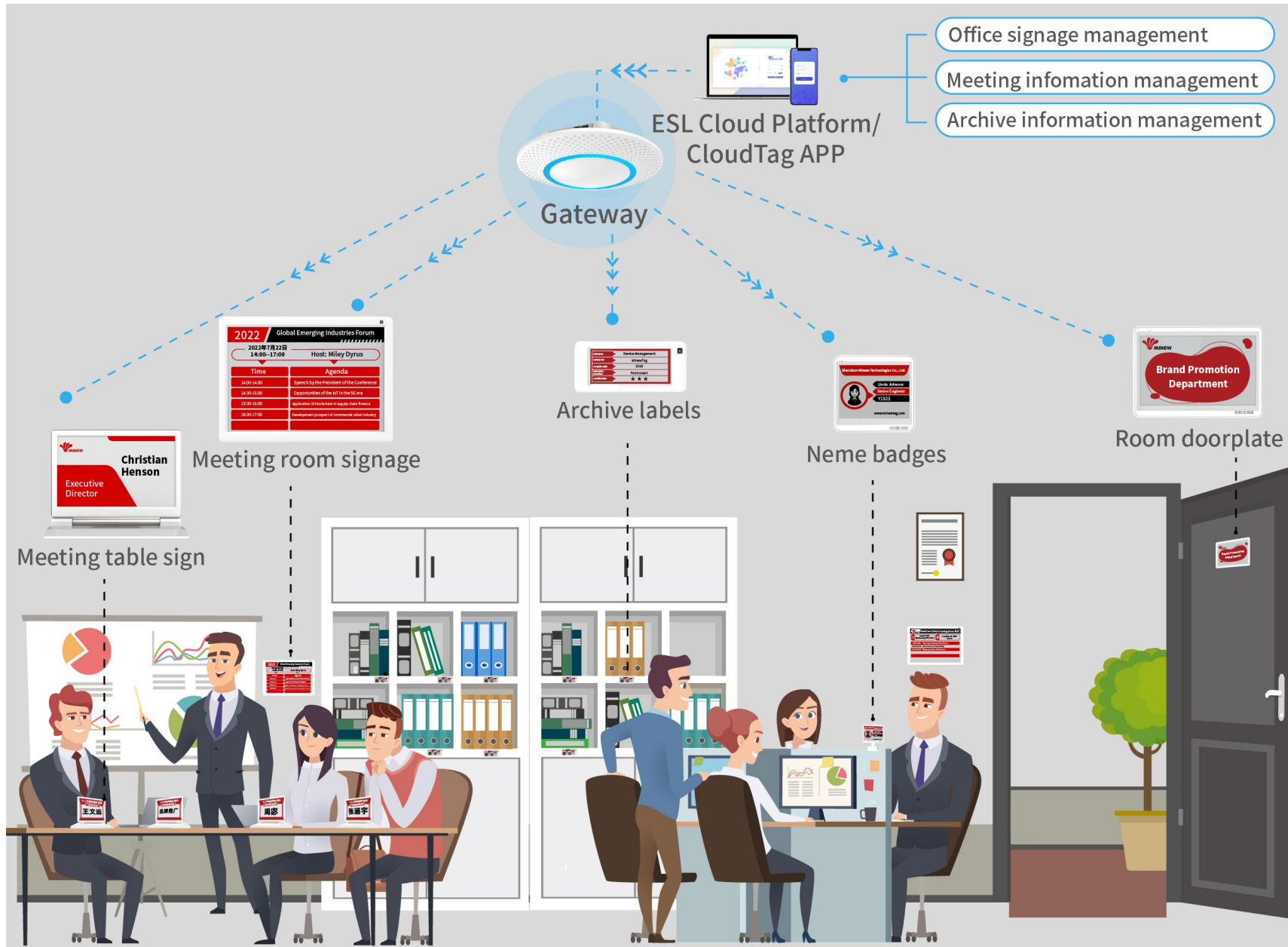


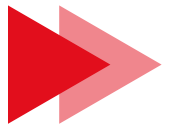
# Modern Paperless Office





# Minew Smart Office Solution





# Minew Smart Office Solution



## Smart Office Solution

### MinewTag Smart Office Solution

#### Minewtag Cloud Platform

Cloud Data Center

Device Management

Operation Platform

Security Maintenance

API Intergrating

BLE5.0  
http/https

WiFi  
2.4G Private Agreement

MQTT



IoT Gateway

MinewTag

Application	Data Presentation Customer Interaction
platform	Data Storage Retrieval, Usage Business Planning Security, Maintenance
web	Access and transmission networks
device	Information Collection Information Processing



Double-sided digital sign



Multiple sizes Industrial storage labels



Bluetooth location beacon



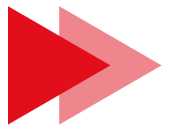
Asset Tag



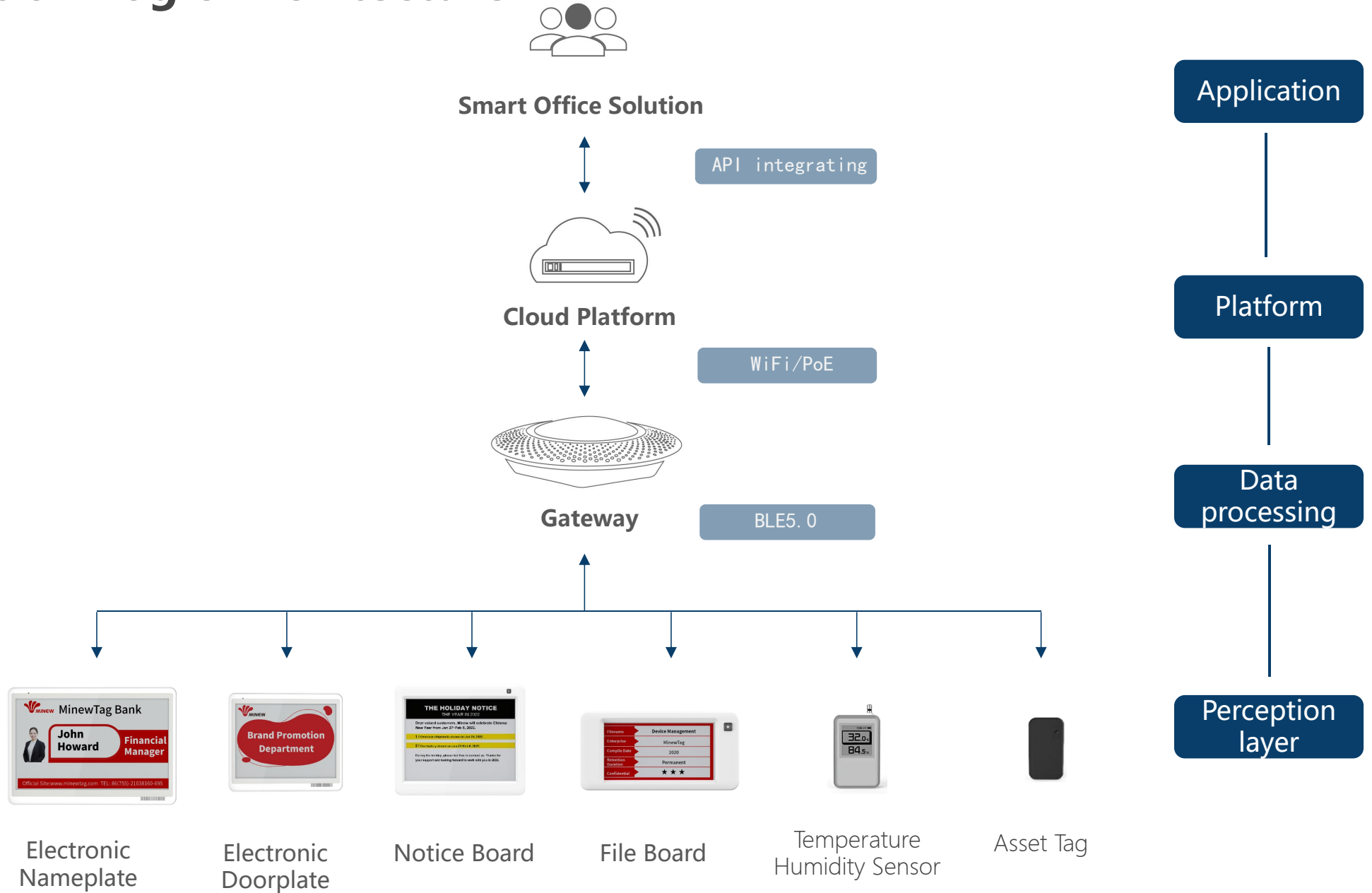
Door sensor



Temperature Humidity Sensor

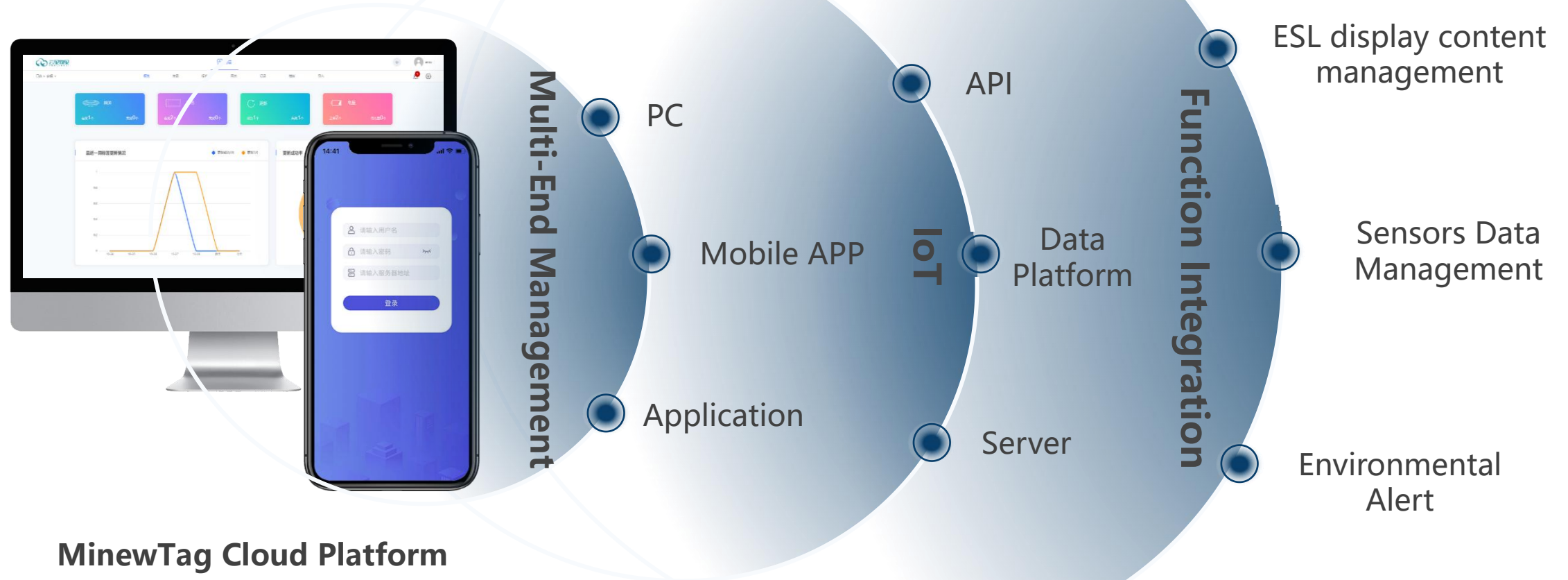


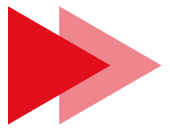
# Solution Logic Architecture



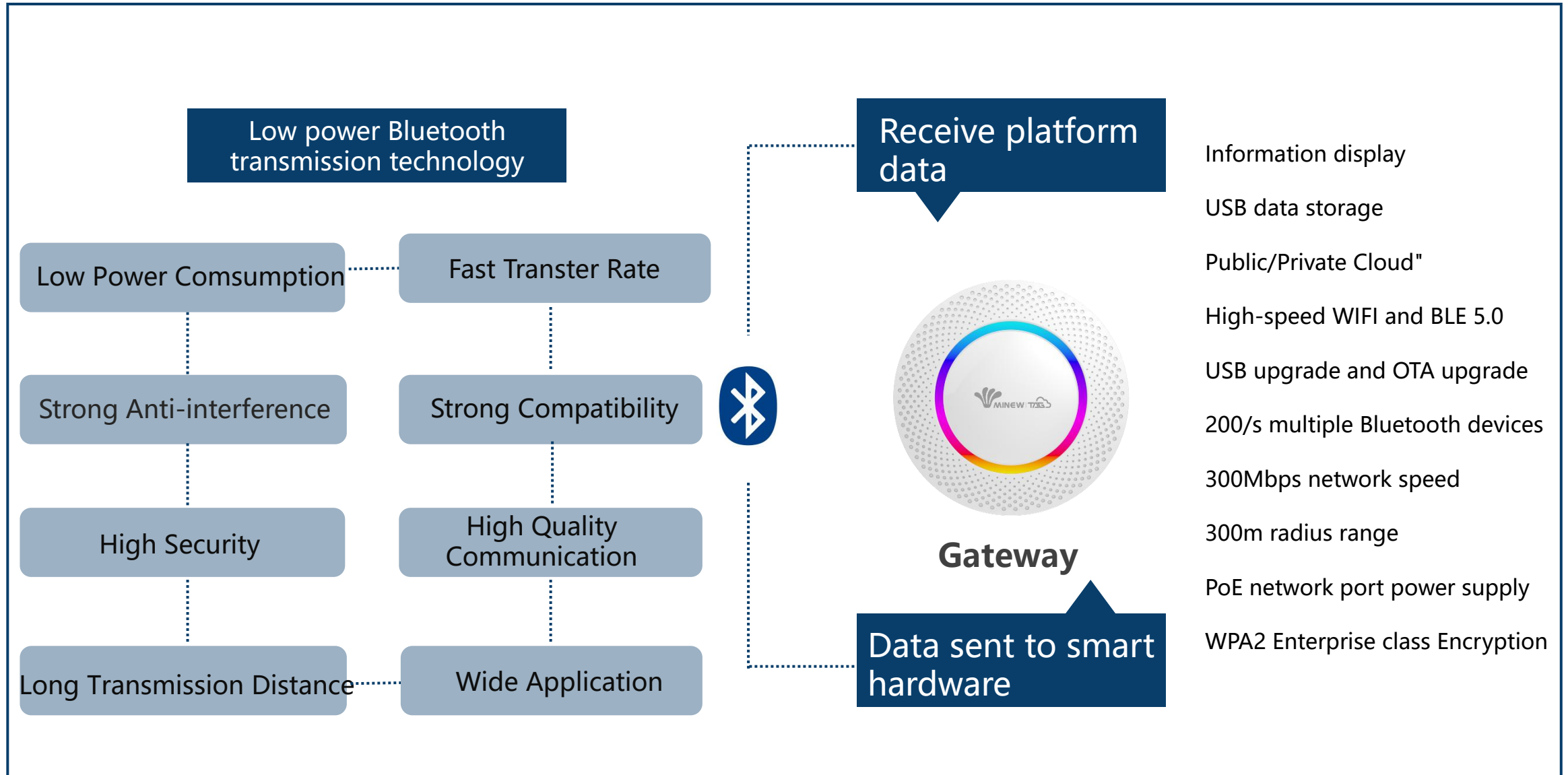
# MinewTag Cloud Platform

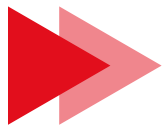
Minew Cloud Platform is an enabling applied IoT security management platform, based on security monitoring and management of low-power wireless IoT devices. The platform integrates wireless IoT data collection, highly reliable and secure transmission, basic IoT, Internet / mobile Internet, AI, big data analysis, cloud computing and other technologies. Minew Cloud Platform can access a variety of application scenarios, provide customized APIs to connect various application systems, and achieve smart upgrading.





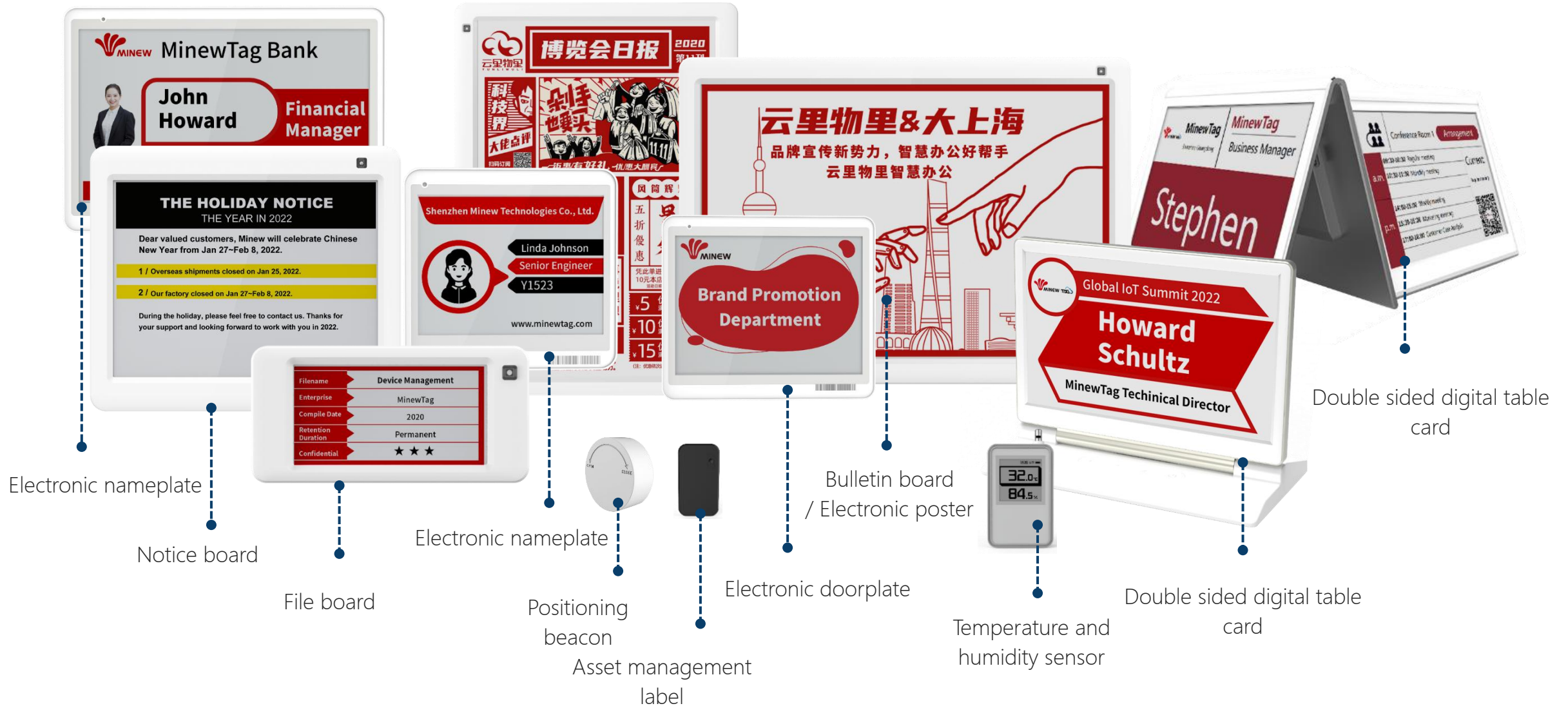
# Minew Gateway





# Application of digital office sinages

Connect with OA system to realize the integration of office management.





# Conference Management

## T-shaped double-sided digital sign



(Side view)



( Front view )



### BLE 5.0 Technology

Fast refresh speed and good stability



### E-ink display

Support Black/White/Red display



### DIY templates

Support customized display of QR code, barcode, picture and etc.



### 90 ° angle folding

Support convenient folding for storage



### Dual-sided screen display

Customize different contents displayed on both sides

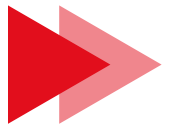


# Conference Management



## V-shaped Digital Conference Sign

- 1** BLE 5.0 Technology  
Fast refresh speed and good stability
- 2** V shaped dual-sided screen  
Support Black/White/Red display
- 3** Charging with Type-C  
Last for 8 months on a single charge
- 4** Multi color LED strip lights  
Different colors show different states
- 5** High hardness panel and Aluminum alloy shell  
High-end conference table card



# Office Space Management



4.2-inch electronic nameplate

5.8-inch electronic nameplate

7.5-inch electronic nameplate

11.6-inch doorplate

## Office reservation

- \* Integrate OA system, register information, book office space
- \* Automatic refresh of e-labels and display reservation information

## Regional positioning

- \* Flashing LED lights indicate location



# Archives & asset management

## Information synchronization

- \* Rapid updates, paperless office
- \* Backend data management, batch import and export

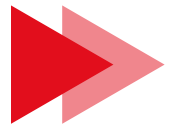
## Location indicator

- \* Intelligent flashing reminder of LED lights
- \* Lighting duration and brightness control

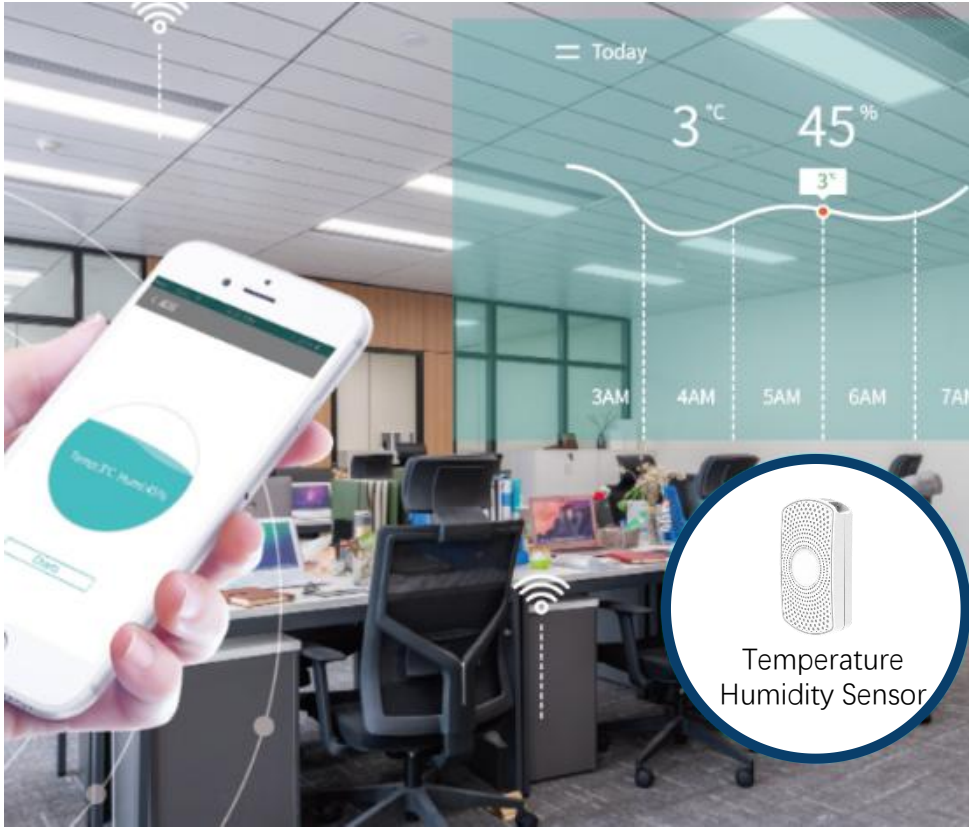
## Authority management

- \* Permission assignment by demand



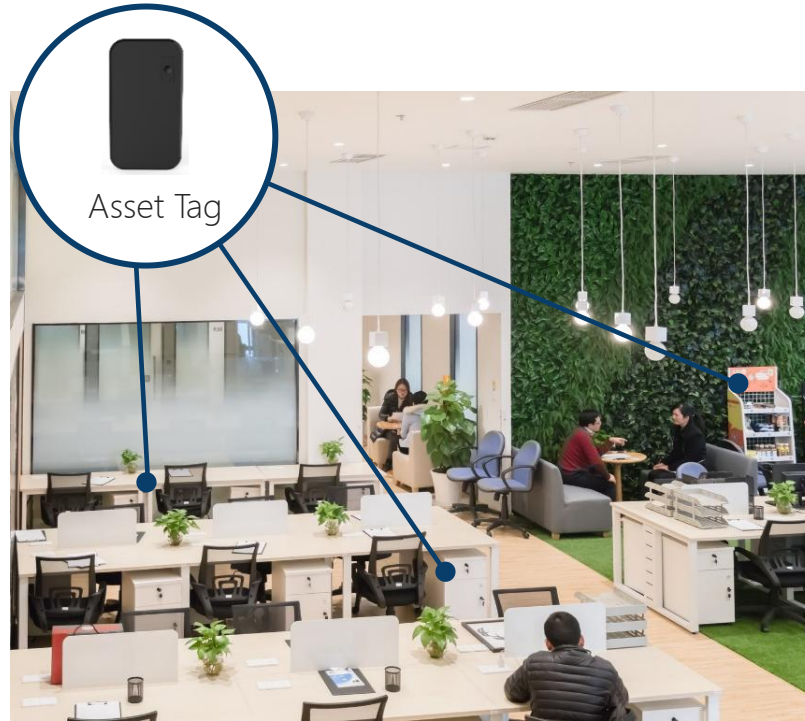


# Environment and positioning management



## Temperature and humidity sensor

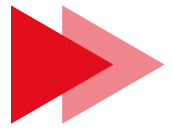
24-hour monitoring on PC/mobile.  
Critical warning,  
Over limit alarm.



## Asset management

Anti disassembly optical sensing function,  
Monitor the alarm of abnormal movement of  
assets.

Linkage multi-functional  
intelligent terminal  
equipment.  
Build a digital office  
system



# Environment and positioning management



Positioning beacon



## Positioning beacon

Precise positioning in office, Track management

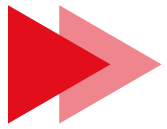


Door sensor

## Door sensor

PC/mobile real-time monitoring the status of door.  
Statistics of opening and closing time and times in the terminal equipment;  
Early warning in time when the equipment is abnormal.

Linkage multi-functional intelligent terminal equipment.  
Build a digital office system



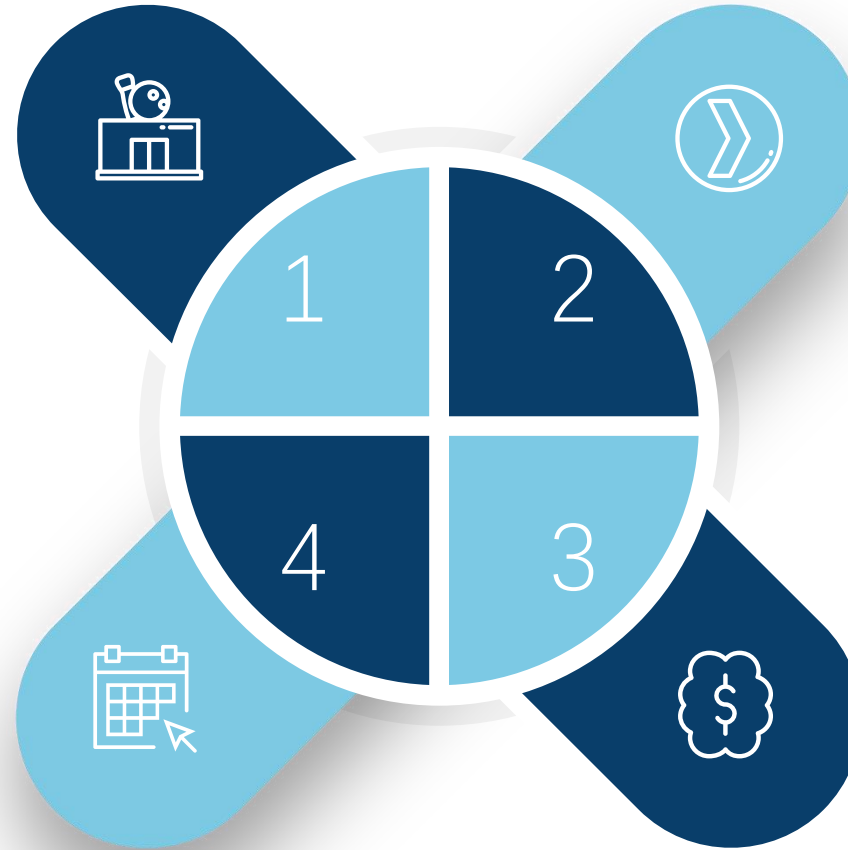
# Traditional Office Scene Weaknesses

Wire arrangement of  
LCD/LED display

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Untimely monitoring of  
important assets

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Employee status information  
is not synchronized

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Unable to manage uniformly

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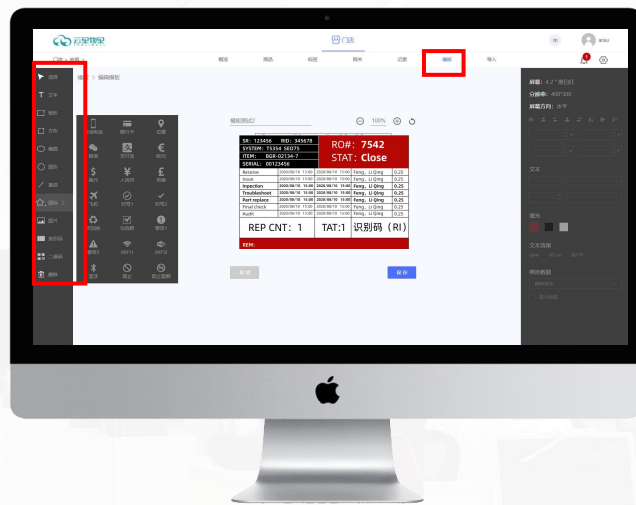


# Minew Smart Office Solution Advantages



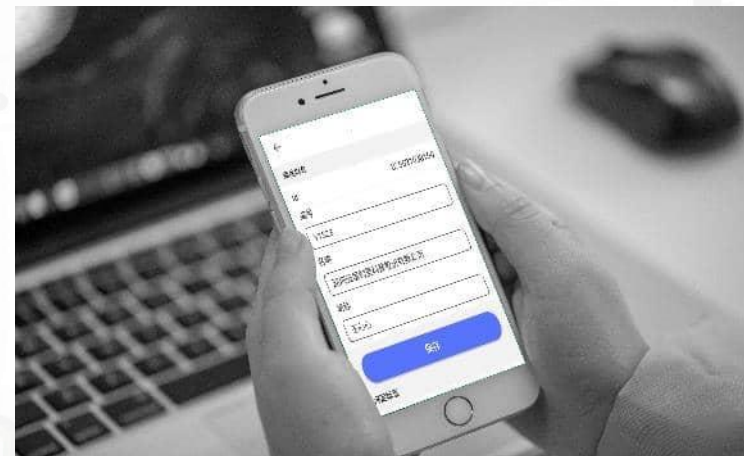
## PC control, batch update

Support excel file import, and realize batch refresh of multiple devices.



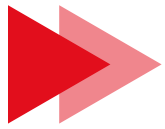
## Customize template

Massive templates are stored, optionally configured. Customize the display content and refresh the content with one click.

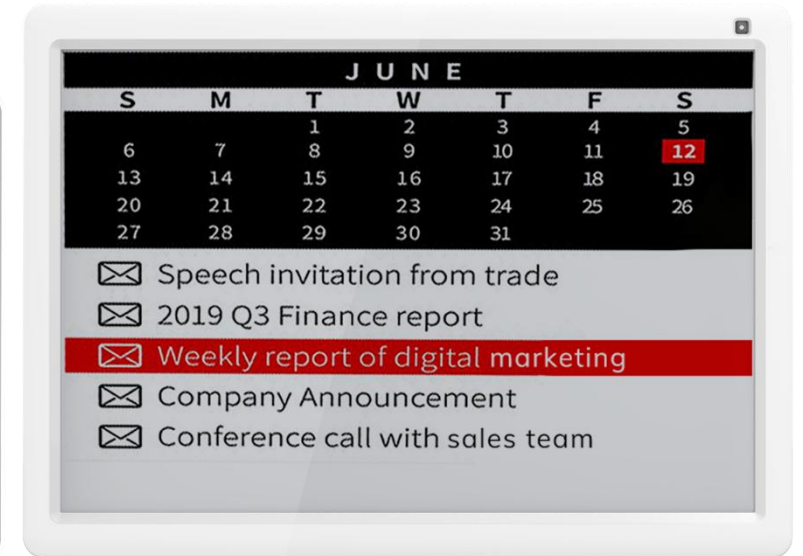
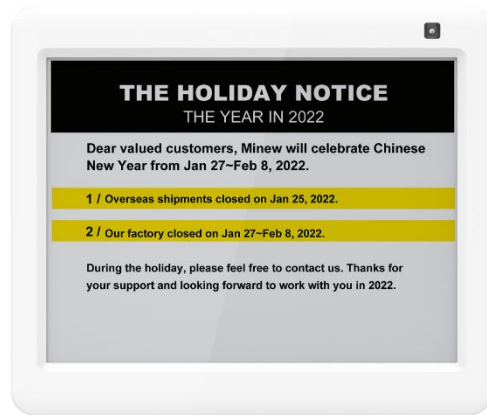
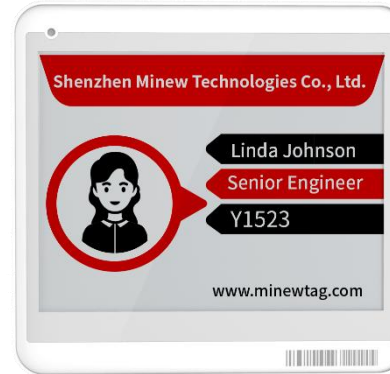


## Mobile terminal control

The mobile app logs in, updates online, and refreshes information synchronously.



# Massive Template & DIY Template





# Project cases: Smart office application





# Project cases: Smart office application



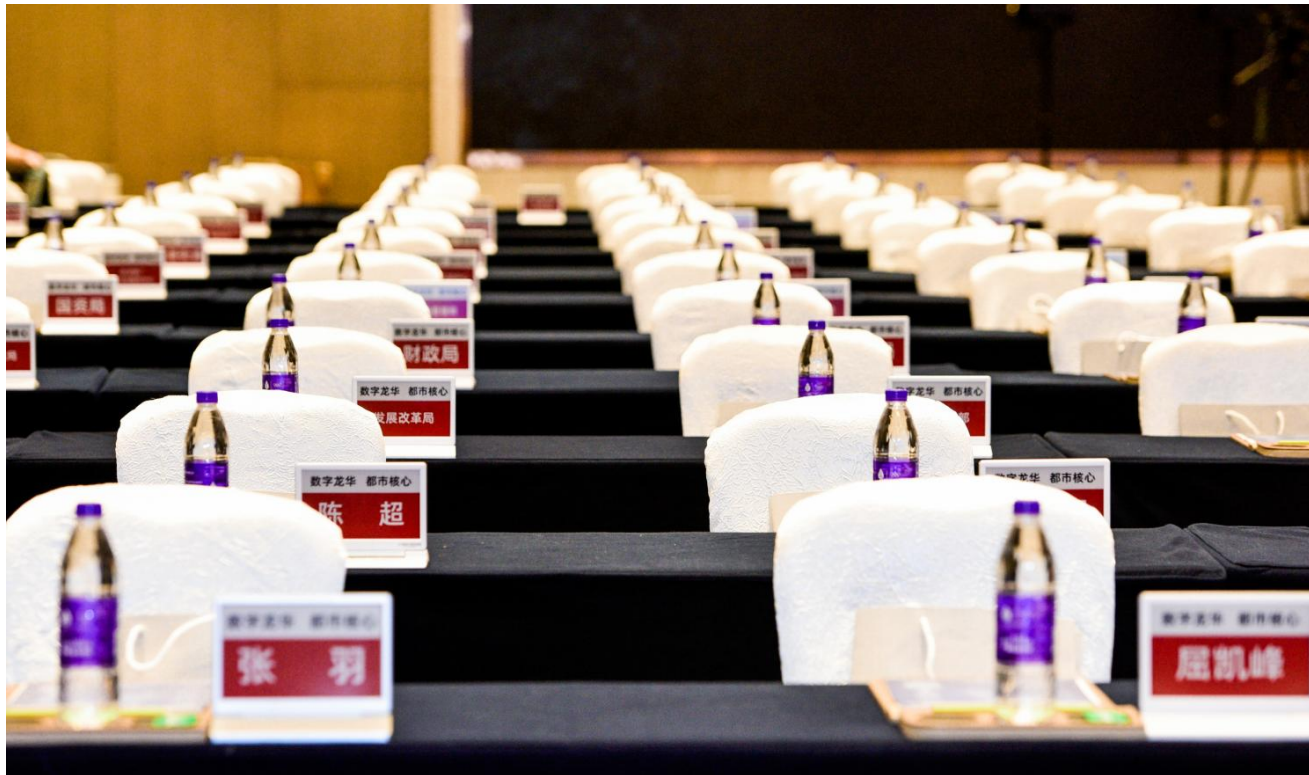


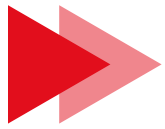
# Project cases: Large-scale Conference





# Project cases: High-end Conference





# Project cases: Lecture application





# Project cases: Office meeting room applications



# Business Partners

 中国石油	 中国石化 SINOPEC	 中国移动通信 CHINA MOBILE	 China unicom中国联通	 中国电信 CHINA TELECOM 世界触手可及	 腾讯视频   好时光 不负好时光 —— 影视、游戏、电竞、直播、音频
 HUAWEI	 阿里巴巴 Alibaba.com		 FOXCONN® 富士康科技集团	 GREE 格力	 360 WWW.360.CN
	 CEC 中国电子科技集团有限公司 CHINA ELECTRONICS TECHNOLOGY GROUP CORPORATION	 KONKA 康佳		 FUN 趣佰 BUY 全球	 ANGS I 昂司
 长虹 CHANGHONG	 BAIYUNPORT	 ONION GLOBAL	 THE PATIO 巴里吧		 新国都
 联创设计	 NEOLIX	 Betterway For automation 贝特威自动化	 中国通信服务 CHINA COMSERVICE 中通信服务股份有限公司 CHINA COMMUNICATIONS SERVICE CO., LTD.	 深万科技 WWW.SOFIN.COM	 TAIJI 太极
 IRON TECHNOLOGY 艾理科技	 汉云 HANYUN	 COFICAB Powered by Passion		 COFICAB Powered by Passion	
			 NORDIC SEMICONDUCTOR		
 ERICSSON					



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