

Ver. 2408







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The management ideology of the POS is

## "A sincere heart toward customers."

Our company is dedicated to delivering heartfelt inspiration to our customers who expect the finest technology while using the POS's products and services. With sincerity, we aim to leave a lasting impression and touch the hearts of those we serve.

### **Company Information**

Name	The POS Inc.	CEO	LEE, Soo-Chan	Establishment	Nov. 1, 1990		
Capital	KRW 1,000 million	Total Asset	tal Asset KRW 12,500 million URL		www.pos-rack.com		
Address	Doam Industrial Complex, 419-56 Wonjeok-ro, Sindun-myeon, Icheon-si, Gyeonggi-do						
TEL	82-32-851-7000	FAX	82-32-851-7011	E-mail	pos@pos-rack.com		

### **Main Products**

#### Smart RACK Cabinet

- Telecommunication
  - IT Server & Network RACK, Patch RACK / Seismic Proof
- Industrial
- Power Supply / Distribution & FA RACK / IP-31
- EMP, IP, MIL SPEC
  - EMP/EMC RACK / 14KHz~ 18GHz: 60~100dB
  - IP RACK / IP55~66 Indoor, Outdoor
  - Military RACK / Reinforced RACK for Military Ships and Submarines

### ■ Smart PDU (Power Distribution Unit)

- IEC Outlet: Single Phase AC220V/100V 20A, 30A, 60A
- DIN Outlet: Single Phase AC220V/100V 20A, 30A, 60A
- IEC Outlet: 3-Phase AC220V/380V 30A, AC100V/220V 30A
- DIN Outlet: 3-Phase AC220V/380V 30A, AC100V/220V 30A

#### ■ Smart CONTAINMENT

- Hot Aisle Containment
- Cold Aisle Containment
- Gateway Unit

#### Other PRODUCTS

- Seismic-proof System for RACK
- Fiber Cable Duct
- Wire Mesh Tray
- **RACK Cage for IDC**
- **KVM Switch**



" Since 1990" Established as Korea's first specialized company in RACK Cabinet. The history of the POS is synonymous with the history of RACK Cabinet in Korea.

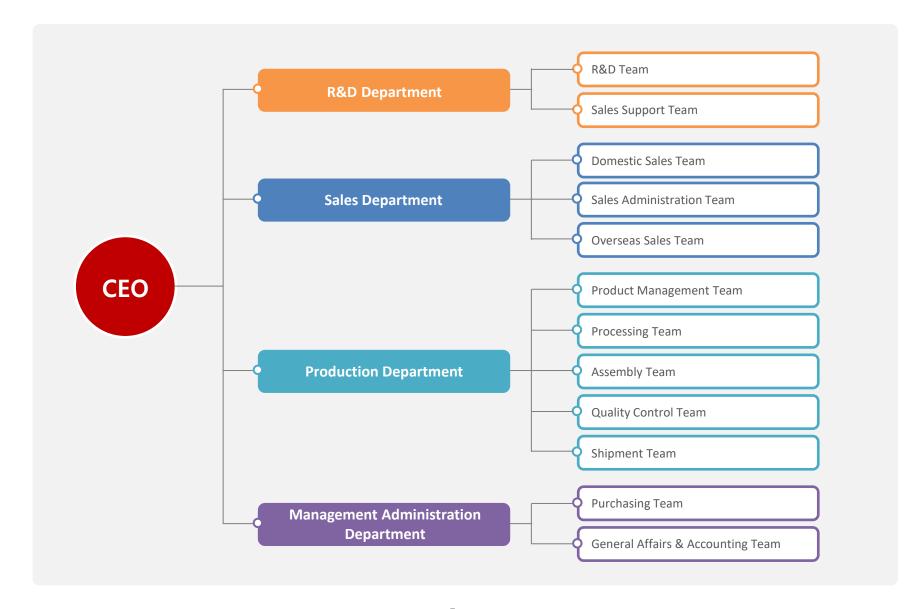
### The World's Best & Korea's Number One – The POS's Technology

**SINCE 1990** 

# The innovative design and advanced features of the POS set the standard for the future.

1990	<ul> <li>Established as [Byeok-Jin Engineering] on Nov. 1, 1990</li> <li>Acquired ISO 9001 Certification</li> <li>Approved by the Ministry of SMEs and Startups (former Small and Medium Business Administration) to be classified as a venture company.</li> <li>Established an overseas branch in the United States</li> <li>Established an overseas branch in Tokyo, Japan</li> </ul>
2001	<ul> <li>Passed Japanese JQA 1000GAL, a seismic proof test (RACK Cabinet: P700 Series)</li> <li>Launched P700 Series – Visual RACK</li> <li>Launched P900 Rack – Outdoor RACK</li> <li>Launched P500 Rack – Mini RACK</li> <li>Launched P300 Series – Open RACK</li> <li>Reached KRW 20 billion in overseas exports (as of the end of 2010)</li> <li>Participated in 15 overseas international exhibitions (as of the end of 2010)</li> </ul>
2011	<ul> <li>Changed in business name as [The POS Inc.]</li> <li>Launched Smart RACK P707 Series</li> <li>Passed domestic seismic-proof test against seismic wave</li> <li>Developed the first domestic Aisle Containment System, which used for fire protection</li> <li>Developed Electromagnetic Shielding RACK – EMP shielding performance (10MHz~18GHz / 60~100dB)</li> <li>Passed certification test of Reinforced RACK for Warship</li> <li>Relocated to Icheon plant (Completed in November 2015)</li> </ul>
2021	Launched Smart RACK PDU (Power Distribution Unit)/ Single & 3-Phase PDU     Acquired KC Safety Certificate for Smart PDU
ℽ	Launched Smart Containment and Gateway – Hot & Cold Aisle  Certified by the international standard NRTL(UL50) – P707 Smart RACK  Silver Award in the "Best of Show Award" for the "ShowNet Contributor" Division (Smart Rack & RDLI) at Japan's Interen Tokyo 2024
Present	<ul> <li>Silver Award in the "Best of Show Award" for the "ShowNet Contributor" Division (Smart Rack &amp; PDU) at Japan's Interop Tokyo 2024</li> <li>Acquired CB &amp; PSE Safety Certifiacte for Smart PDU</li> </ul>



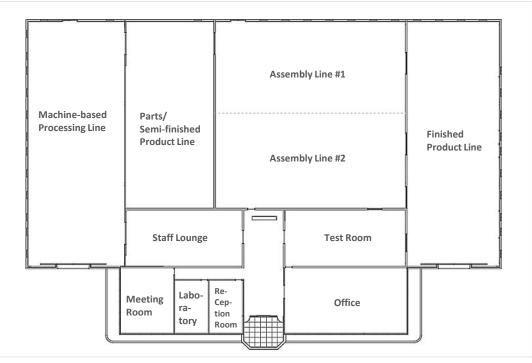




### **Manufacturing Factory Outline**

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Category	Area (m²)		
Machine-based Processing Line	500		
Parts/ Semi-finished Product Line	500		
Assembly Line #1, #2	1000		
PDU Line	2F-500		
Finished Product Line	1F-500 / 2F-1324		
Laboratory	50		
Meeting Room	75		
Office	200		
Staff Lounge	250		
Parking Lot and others	3000		
Total	7,899		

### Manufacturing Factory Floor Plan





## **Flagship Products**



### **Smart RACK**

01











### **Smart PDU**

02





# **Smart Containment**

03





### **Others**

04







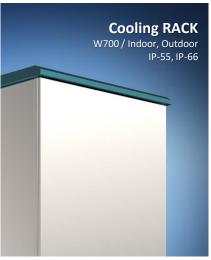
## **Smart RACK**











Racks used in IDCs are categorized into server rack, network rack and patch rack, depending on their usage. P707 RACK is an innovative product that features its contemporary design for modern IT environments with its seismic proof functions. Also, the lighting alarm and monitoring system duly provides preemptive protection and convenience for operators.

Smart ID RACK (Industrial) is an innovative product that combines smart design which provides modernized power distribution and FA environments with ease of use and seismic proof functions. In addition, the product provides convenient environments to mount parts or equipment with its multi-punching structure that enables users to easily install vertical and horizontal brackets in any location.

EMP/EMC RACK shields electromagnetic waves so that they do not interfere with the operation or the stability of the system. In addition, the FAN system automatically operates according to set internal temperature, providing an optimal environment for system operation.

Cooling RACK is a superb operation and management solution that perfectly protects its internal systems even in harsh and inadequate external environments. Its environment monitoring system also enables remote supervision, which provides operational convenience by enabling precise system failure prediction and preemptive action.









**Smart IT RACK** 

Smart ID RACK (Industrial)

EMP/ EMC RACK

**Cooling RACK** 

## **Smart PDU / Containment**





Reinforced Rack for Warship: It is a special RACK developed for military ships. The product has passed the National Defense Standard of the Republic of Korea - KDS 5975-4001 and the military standard set by the U.S. Department of Defense - MIL-S-901D Shock, MIL-STD-167-1A Vibration, MIL-STD-461D EMI Shield and MIL-STD-810E Environment.



Military RACK



Smart PDU is a power distribution equipment installed in a rack. Smart PDU of the POS is an innovative product that allows operators to monitor current, voltage, power, internal temperature, and humidity of a rack through the front display and remotely control the system of PDUs and racks, respectively.



Smart PDU - IEC



Smart PDU is a power distribution equipment installed in a rack. Smart PDU of the POS is an innovative product that allows operators to monitor current, voltage, power, internal temperature, and humidity of a rack through the front display and remotely control the system of PDUs and racks, respectively.



Smart PDU - DIN



Smart Containment System is a solution for cooling energy savings of IDCs. With its Gateway System, the product provides comprehensive management of conditions and power status of racks within the Smart Containment with an automatic door connected to a firefighting system.

The Gateway System is a comprehensive solution that enables a sufficient management of conditions and power status of racks within the Containment.



Smart Containment – Hot

# **Containment / Others**

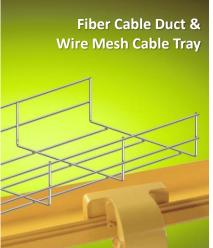








As a device that enables users to control





Smart Containment System is a solution for cooling energy savings of IDCs. With its Gateway System, the product provides comprehensive management of conditions and power status of racks within the Smart Containment with an automatic Door connected to a firefighting system.

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multiple computers with a single console equipped with a monitor, keyboard and mouse, KVM Switch is used in Co-Location Rooms in IDCs and other locations where multiple number of PCs or servers are used. The product is compatible with various OSs and enables users to control up to 512 servers or PCs via one single console, reducing costs to secure sufficient size of area to set up a control zone. In addition, IP KVM is operated independently of other operating systems, allowing users to manage control systems remotely.

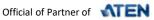
Category

- Cable KVM Desktop KVM
- Rack Mount KVM
- LCD KVM
   IP KVM SWITCH

Spec.

2 PORT / 4 PORT / 8 PORT / 16 PORT

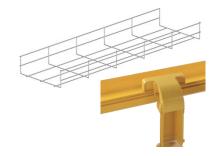
Manufacturer ATEN. ALTUSEN



**KVM Switch** 

Fiber Cable Ducts and Wire Mesh Cable Trays are high-quality products that have passed international certification tests, such as UL, CE, etc.

RACK Cage for IDCs is a solution for setting up control zones within a secure zone, helping to ensure that all systems within the control zones are safely managed and protected from any external physical damages. This product will perfectly protect the company's reputation from accidents such as personal information leakage.



Fiber Cable Duct & Wire Mesh Cable Tray



**IDC RACK Cage** 

Smart Containment – Cold

### POS Passion Of Sun

# **Domestic / Overseas Clients**

The POS is an RPC technology company that has manufactured five hundred thousand units of RPC products over 33 years since 1990.

Domestic Clients KOREA				Global Market Clients JAPAN / AMERICA						
SK telecom	SK broadband	SK 주식회사	SK 아이닉스	<b>⊕</b> LG U+ <b></b>	(b LG디스플레이	WiT	DOI	0	PVS	TIA System
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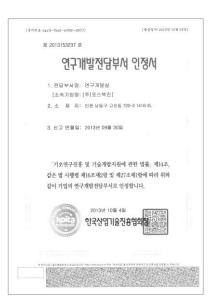
# **Registrations and Letters of Acknowledgement**

- Business Registration
- Factory Registration
- Technology Innovation Small and Medium-sized Business Certificate (INNO-BIZ)
- R&D Department Accreditation









#### POS Passion of Sun

## **Certificates and Patents**

- ISO-9001
- UL50 (NRTL/TUV)
- Design Registration Certificate
- Utility Model Registration
- Electrical Appliances Safety Certificate















## **Certificates and Patents**



















## **Test Reports**



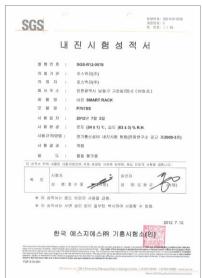
- Seismic-proof Test Report
- Impact Test Report
- Vibration Test Report
- Electromagnetic Wave Test Report
- IP-66 Test Report

















## **Test Reports**

















# **POS**

## **Test Reports**















Innovative Technologies and Passion – The Philosophy of the POS

# Thank you





www.pos-rack.com