

BELIEVE IN CHOIS ChoisTechnology COMPANY PROFILE 2024



A Company Creating a Free World through Wireless Technology Believe in Chois

ChoisTechnology Co., Ltd. is the specialist company on IoT. We have been keeping the top position in Korean market since having introduced the world first wireless presenter X-pointer in 2002. We launched X-pointer Mobile that is a presenter for Smartphone first in the world In 2012, exported to USA, Germany, Japan, Australia, Russia, East Asia.

From 2013, we have been developing and launching Smart Health Care for medical purposes. In 2016, we have launched wireless thermometers named "Thermosafer" that can check body temperature in real time. Also, we have also developed single-use wireless thermometers to be used hospitals and other medical facilities; heart rate meters that can be connected with Smartphone to conduct real-time monitoring service; oxygen saturation measurement devices (SPO2); respiratory inductive plethysmography; and comprehensive patient-monitoring systems called "CMS". In 2021, we launched IoMT cloud monitoring system for COVID19 vaccine storage temperature monitoring.

By popularizing various products equipped with next-generation wireless technology developed by ChoisTechnology Co., Ltd., we will devote ourselves to become a global leader in impressing customers and guiding changes in the future.

IORGANIZATIONAL CHART



CHOISTECHNOLOGY CO., LTD.

Domestic Sales Marketing

Management & Support

Overseas Sales Marketing

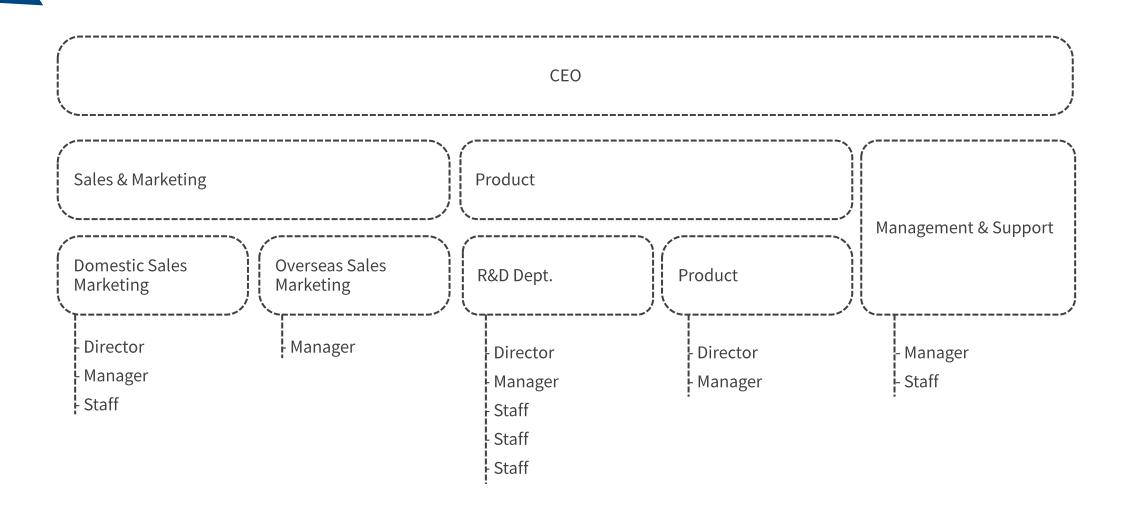
Product

R&D Dept.

ChoisTechnology International Co., Ltd.

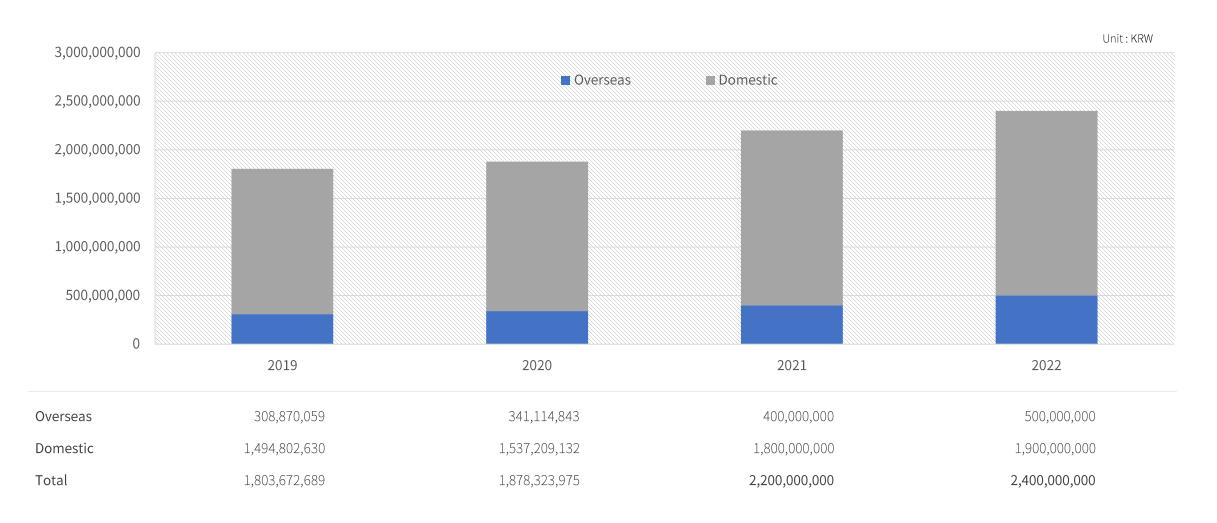






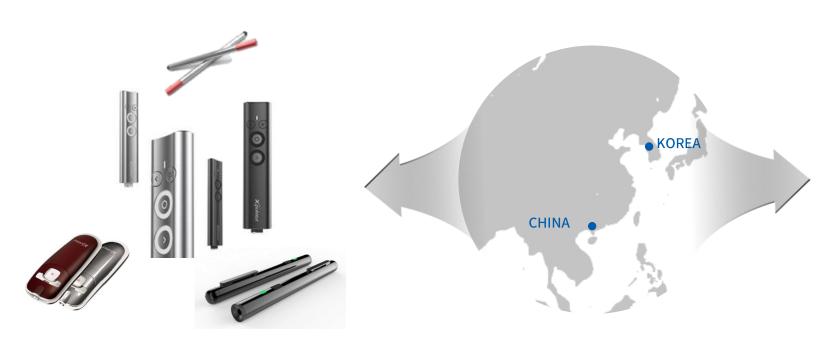


CHOISTECHNOLOGY 2019-2023 REVENUE



IPRODUCT PLANT







- ImagePointer (XPG300Y, XPM300Y)
- Green Pulse Laser (XPG100P)
- Presenter for long distance (XPM200TRGm)
- Red Laser presenter (XPM140P)



Wireless Devices

- Image Presenter (XPM170Y)
- Thermosafer (XST200)
- Disposable Thermometer (XST400)
- Finger Presenter(XSC100)
- CMS Thermometer (XMT100)

IBUSINESS













Wireless Presenter



- ImagePointer
- Pulse laser pointer
- USB RF presenter
- Mobile presenter

Beacon

Xpointer



- Attendance management beacon
- Visitor management beacon
- Fixed type beacon
- Explosion prevention beacon
- Bluetooth to WiFi gateway
- AoA Beacon

Appcessory



- Smartphone wireless Remote controller
- Magnetic tripod 'Xelfie POD'
- Smart luggage tracker 'Xelfie Travel'

Sensor Beacon



- Wireless refrigerator
 Thermometer
- Gas monitoring sensor device
- Fine dust (PM2.5) measuring device
- Co2 gas measuring device
- Tracking sensor for mountain climbing

Healthcare IoMT



- Monitoring thermometer 'Thermosafer'
- Disposable monitoring thermometer 'Thermosafer'
- Wireless monitoring SpO2
- Wireless monitoring ECG
- Smart cradle system

IBUSINESS



2013 **Since 2001** 2014 Smartphone Controller & Beacon 2015 Wireless Presenter Mobile Presenter • Smartphone Camera Shutter • RF Wireless Presenter • Smartphone Laser Pointer • RF Remote Controller • Stylus Presenter • DSLR Camera Shutter • RF Interface Module • Bluetooth Presenter • Multimedia Controller • Green Laser Presenter • Touch Mouse Presenter · Magic-key Presenter Sensor Network • GAS Monitoring Device Modular SmartFarm - Temperature, Humidity, 2021~ 2016 2020 2018 Illuminance, CO2, Soil Humidity Wireless Patient Monitor ImagePointer CMS Monitoring Solution CMS Monitoring Solution • Monitoring Body Thermometer • 80hours Green Laser Presenter • Monitoring Display • Monitoring Patient in hospital • Monitoring SpO2 • Image Customizable Pointer • Fine dust sensor • Disposable Monitoring Body Thermometer Monitoring ECG Magic key Function • Sensor Gateway Monitoring Breathe

IOUR BRANDS







IMAGE POINTER

Red Pulse Green Pulse

ImagePointer (KOREA, USA)

WIRELESS PRESENTER, LASER POINTER (KOREA, USA, JAPAN)



MOBILE ACCESSARY (KOREA, USA, JAPAN)



IOT DEVICE



Thermosafer



(KOREA, USA, JAPAN, UK, Turky)



IMAIN BUSINESS HISTORY



The world first USB type wireless presenter X-pointer since 2001



- RF wireless technology
- **USB** interface
- 650nm red laser module



- PC remocon
- home network remocon
- Mouse function
- XP200TR release(05.03)
- XP140 release(06.05)

Robot core controller

Red Pulse

- IPTV,DTV integrated interface

RF Interface Module

- Camera wireless remocon
- XP200TRG release(07.05)
- XP300 release(08.07)
- XPG200 release(08.08)



- **Mobile Presenter**
- world first smart phone presenter
- Laser clairvoyance cap
- space optical mouse
- XPB100 release(09.12)



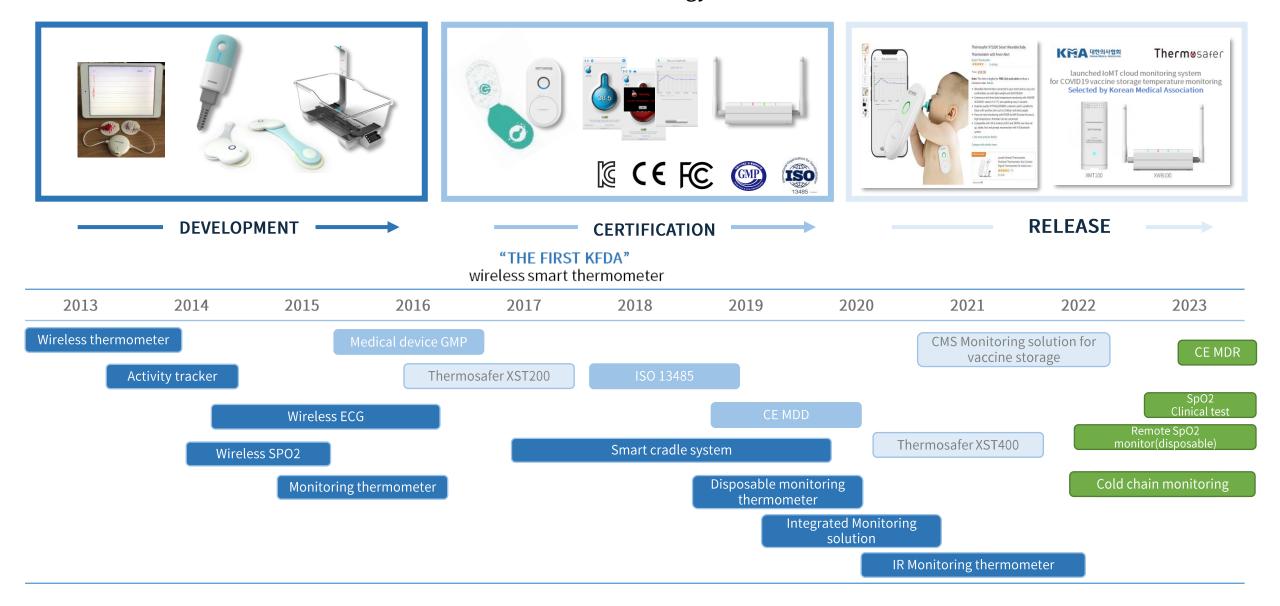
- **Green Laser Presenter**
- Pulse green laser
- Ultra mini unified receiver
- XP350 release(10.04)
- Optical touch sensors

- IMAGE POINTER **ImagePointer**
- ImagePointer
- Air mouse function
- Pointing as Images on the LCD monitors

IMEDICAL BUSINESS HISTORY



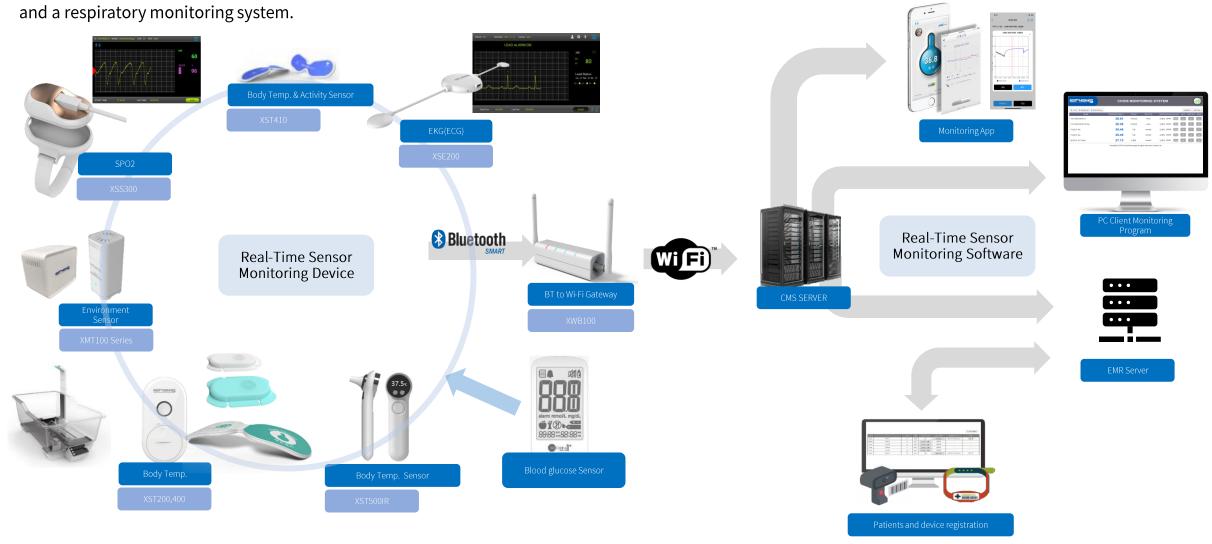
IoMT device and solution based on wireless and sensor technology



INEW BUSINESS: Remote monitoring



CMS monitoring solution - Development of real-time wireless monitoring solutions and sensor devices based on ICT technology Integrated patient monitoring system: Development of a 'integrated patient monitoring system' including a single-use wireless thermometer that can be used by medical institutions such as hospitals, a heart rate meter that can be monitored in real time, an oxygen saturation measuring device (SPO2),



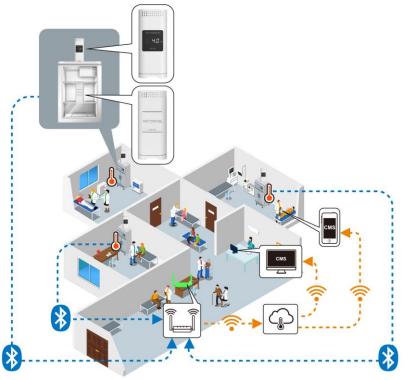
INEW BUSINESS: Cold chain monitoring



CMS monitoring solution

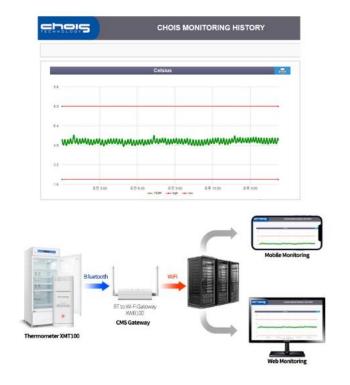
Development of real-time wireless monitoring solutions and sensor devices based on ICT technology

Real-time environmental monitoring system: Development of real-time environmental control system such as wireless refrigerator thermometers, gas monitoring devices, fine dust measuring devices (PM2.5), CO2, temperature, relative absolute humidity, atmospheric pressure, etc.





24-hour temperature monitoring and SMS alarm support



NEW BUSINESS: Beacon



Asset and Access Control Beacon

Real-time monitoring of movement and location information of object through a beacon (bluetooth-type signal generator)

- Collect the location data
- Identify and respond in case of an emergency occurs

Application field

- Hospitals and medical facilities: Monitoring patients and medical staff
- Industrial venue
- Security Area
- SOS Signal in emergency





National Health Insurance Ilsan Hospital Case

"Beacon devices (bluetooth-type signal generator)" are attached to medical equipment such as wheelchairs as well as patients and medical staff, and scanners (signal detectors) installed throughout the hospital capture each movement.

Accurate movement and location information can be identified in real time. Even if patients with infectious diseases occur, they can accurately find continuous movements, close contacts, and quarantined people within the hospital in a short time.

Patient monitoring beacon



Staff monitoring beacon

Xbeacon



Asset monitoring beacon



ICUSTOMER (OVERSEA)

















































ICERTIFICATION





Venture business

Code No. 20110103081 Issued by Korea technology finance corp. The first 2002.02.08 Renewal 2021.05.20



ISO 9001

Code No. Q136009 Issued by ICR The first 2001.09.27 Renewal 2018.04.26



Certified R&D department

Code No. 20051343 Issued by Korea Industrial Tech Association The first 2005.03.02 Renewal 2019.05.20



Promising company to export

Code No. 10Inchoen-3 Issued by Incheon Regional Small & Medium Business Administration The first 2004.08.10 Renewal 2017.12.14



Technological innovation Small & medium industry

Code No. R7071-2485 Issued by Incheon Regional Small & Medium Business Administration The first 2007.06.22 Renewal 2019.05.24



Software Licensee

Code No. B15-104761 Issued by Korea Software Industry Association The first 2015. 06. 23



Permitted manufacturing medical devices

Code No. 5104 Issued by Ministry of Food and Drug Safety The first 2015.09.22



Certified GMP (Good Manufacturing Practice)

Code No. KTL-AAB-207001 Issued by Ministry of Food and Drug Safety The first 2016.01.26 Renewal 2019.01.26



CE MDD Medical device certification

Code No. G1 001805 0001 Rev. 00 Issued by TUV SUD The first 2019.08.26



CE ISO13485 Medical device certification

Code No. G1 001805 0002 Rev. 00 Issued by TUV SUD The first 2018.10.12 Renewal 2021.04.11

ICERTIFICATION



INTELLECTUAL PROPERTY RIGHTS & STANDARD AUTHENTICATION





KC / KCC / FCC / CE / PSC FDA / ROHS2 / TELEC and etc. (44 cases)

TCB

Chois Technology Co., Ltd. Swen Daelin Bidg. Buile 1321, 582-6, Dohwa-Gong, Ham-Gu, Institute. South Korea TCB

S INDING

Patent registry 32 cases
Design registry 42 cases
Trademark of domestics & overseas 23 cases
(domestic 18 cases, overseas 5 cases)

IGOV R&D PROJECT PERFORMANCE



#	Project Name / Title	Supporting organization	Duration	Result
48	Development of non-rechargeable wireless body temperature sensor for non-face-to-face monitoring of fever patients	Ministry of Science and ICT	2020-08~2021-07	In Progress
47	Development of disease and accident monitoring system that analyzes vital signs and activities of infants and kids using AI technology	Incheon Techno Park	2019-09~2020-09	Complete
46	Developed smart patch type wearable thermometer for 15kV class antistatic	KITECH	2019-07~2020-06	Complete
45	Development of disease and accident monitoring system that analyzes vital signs and activities of infants and kids using AI technology	Incheon Techno Park	2019.09~2020.09	Complete
44	Development of IoT service design system to monitor newborn baby's bio signals and environmental information in real time	MOTIE	2017.04~2019.12	Complete
43	Developed image pointer mold for LCD monitor	Incheon Techno Park	2019.08~2019.11	Complete
42	Development of explosion-proof Bluetooth beacon to provide location service	RAPA	2018.05~2018.11	Complete
41	Development of a fall and distress rescue service system automatically request rescue by judging whether a fall or a distress is an accident	RAPA	2017.05~2017.11	Pass
40	Development of IoT service design system for real-time monitoring of newborn's bio signal and environment information	Incheon Techno Park	2016.10~2016.12	Success(normal rating)
39	Disposable smart thermometer for real-time wireless monitoring	RAPA	2016.04~2016.11	Pass
38	Developed wireless monitoring system for growing environment of small greenhouse crops that recycled smart phones	IACT	2016.04~2016.07	Complete
37	Development of modular toxic gas real-time monitoring system linked with smart device	KOREA INDUSTRIAL COMPLEX CORP	2015.06~2016.05	Success(normal rating)
36	Developed wireless thermometer for infants and young children for real-time wireless monitoring with portable smart devices	INHA TECHNICAL COLLEGE	2015.04~2016.01	Complete
35	Developed Full Color Light synchronized with Bluetooth camera and Bluetooth	Incheon Techno Park	2015.04~2015.11	Complete
34	Development of respiratory monitoring device capable of monitoring real-time breathing status of anesthesia patients	Incheon Business Agency	2015.03~2016.02	Success(normal rating)
33	Wireless electrocardiograph for real-time monitoring in conjunction with portable smart devices	Incheon Business Agency	2014.09~2014.11	Complete
32	Development of modular wireless patient monitoring device capable of real-time wireless monitoring in conjunction with smart device	MOTIE	2014.08~2016.07	Success(normal rating)
31	ITSW Creative Research Process Corporate-led Technology Development Project	NIPA	2014.06~2015.05	Success(normal rating)
:				
•				
01	Development and commercialization of screen switching RF pointers for presentations	MOTIE	2001.07~2002.06	Success(Excellent rating)

AWARDS





2019 GOOD DESIGN(GD) - XPG300Y, XPM300Y

2020 The highest standard service and quality excellence of Incheon - XPG300Y

IMAGEPOINTER



KITAS 2019 SMART DEVICE SHOW IN SEOUL, KITAS TOP 10 - XPM170Y



2020 The highest standard service and quality excellence of Incheon - XPM170Y

Thermosafer



2019 GOOD DESIGN(GD) - XST400



KITAS 2020 SMART DEVICE SHOW IN SEOUL, KITAS TOP 10 - XST400

Thermosafer



2016 GOODDESIGN(GD) – Gold Minister Award - XST200



KITAS 2016 SMART DEVICE SHOW IN SEOUL, KITAS TOP10 - XST200

IAWARDS



X-Pointer Pulse



2014 reddot Awards - XPS300



2014 iF Product Design Awards International Forum Design - XPS300

AVING 2013 Aving VIP Asia Awards - XPS300

AVING 2012 Aving VIP Asia Awards - XPS200

Xelfie (XSC100)



2014 GOOD DEISGN(GD) - XSC100

2014 BEST Small & Medium Appliances Contest Good Product Awards - XSC100

X-pointer XPG105P



2020 The highest standard service and quality excellence of Incheon – XPG105P

AWARDS



X-Pointer Series



- № 2011 Selected 'HIT product' of new electronic products (XP350Magic, XPM145)
 - 2008 Selected 'Excellent product' of product public relations business for Small & medium industry (X-pointer)
- 2007 Selected 'Excellent product' from Public Procurement Service (XP200TR1G, XP140M256, XP140M512)
- 2006 Selected 'Excellent product' of good product campaign from main publishing company 'The hankyoreh'(X-pointer, X-Revo)
 - 2006 Selected 'Excellent product' from Public Procurement Service (X-pointer II)
 - 2006 GOOD DESIGN(GD) (X-pointer I XP140)
 - 2005 Selected 'Good quality recommend product' from Incheon Metropolitan City (X-pointer)
 - 2005 ITC2005 Incheon Information Industrial Exhibition 'IT' Technology Awards BI grand prize (Duplex transmission 2.4GHz RF Intelligent Remote Controller)
 - 2004 Designated Data Communication excellent technology
 (2.4GHz RF full-duplex Computer remote control equipment combined with optical mouse)
 - 2004 GOOD DESIGN(GD) (X-pointer II XP200)

AWARDS



CEO, Choi Soon-Pil



2013 Korea Electronics Association 8th Electronic, The day of IT man of merit Prime minister Awards

(Winner, CEO Choi Soon-Pil)

2011 Incheon Trade & Small-Medium business People Awards

(Winner: CEO Choi Soon-Pil)

CHOISTECHNOLOGY



2016 'e-Power 300' entrusting as a promising small & medium industry to export

2015 Selected as promising small & medium industry to export from Small & Medium Business Administration

2010 Selected Brand Star Company of Incheon Chamber of Commerce and Industry

2010 Selected Design Star Company of Incheon Chamber of Commerce and Industry

2009 Selected Patent Star Company of Incheon Chamber of Commerce and Industry

2008 Selected as High-Tech promising company from Incheon Metropolitan City

2008 Selected as a promising small & medium industry to export from Small & Medium Business Administration

2005 Selected as a promising company from Incheon Metropolitan City

2004 Selected promising small & medium industry to export from Ministry of Small & Medium Business Administration

2003 Award 'Excellent small & medium industry' of Venture business from Ministry of Small & Medium Business Administration





2016. 10 – Selected Licensee 'National Quarantine Station Remote Medical System Build Tender'

Project	Building up National Quarantine Station Remote Medical System
Organization	Korea Centers for Disease Control and Prevention
Ordering	Deagu Regional Public Procurement Service
Institution	National Information Society Agency (NLA)



Selected Smart Monitoring body temperature thermometer 'Thermosafer' as remote-controllable medical device to be used in isolated rooms in National Quarantine Station

2021. 3 – Selected as a supplier for 'Korean Medical Association Bid'

COVID-19 vaccine refrigerator temperature monitoring device

초이스테크놀로지, 의협 공급업체 선정

○ 병원신문 | ② 승인 2021.03.22 08:34 | ◎ 댓글 0

백신 냉장고 온도 모니터링 장치 구매가격 24만 9천원으로 협의



코로나19 백신 냉장고 온도 모니터링 장치

초이스테크놀로지(대표 최순필)는 대한의사협회 코로나 19 백신 냉장고 온도 모니터링 장치 구매 일반경쟁입찰에 참여해 코로나19 백신 접종 위탁 의료기관 제품 공급업체로 선정됐다고 밝혔다.

특히 초이스테크놀로지는 코로나19 접종 의료기관의 경제적 부담을 덜 수 있도록 구매 파격 할인가격을 24 만9천원으로 협의해 의협으로부터 공급업체로 선정됐

다.

2년간 서버 이용료도 무료로 제공하며 2년 후에는 의료기관이 지불하는 월 사용료도 매우 저렴하게 책정했다고 전했다. 이와 관련 방역 당국은 이 제품 구매 비용으로 25만원을 지원하기로 한 바 있다.

또 초이스테크놀로지는 코로나19와 사투를 벌이고 있는 의료진에게 감사의 마음을 담아 한시 적으로 일반 디지털 온도계 등을 증정한다고 말했다.

이번에 의협이 선정한 코로나19 백신 냉장고 온도 모니터링 장치는 코로나19 백신을 냉장고 에서 적정 온도로 보관할 수 있도록 한 '정밀 무선 온도관제 시스템 CMS(Chois Monitoring System)이다.

최순필 대표는 "위탁의료기관 백신 보관 관리 지정 기준 중 냉장고 내부 온도계 (자동온도 기록계) 부착을 통한 24시간 모니터링 및 온도 알람 기능 보유 (근무 외 시간에도 담당자가 인식할 수 있는 조건)를 충족할 수 있도록 센서 디바이스를 통해 냉장/냉동고의 측정된 온도를 병원 내 데스크나 담당자 핸드폰으로 실시간 전송하도록 했으며 온도 이상 감지시 즉시 경고 알람이 울릴 수 있도록 했다"고 설명했다.

저작권자 © 병원신문 무단전재 및 재배포 금지



2022.3 GMP Global Equipment Plaza Conference 2022 New device key note

CHOIS-Realtime Remote Body Temperature Monitoring Solution



2021.11 Incheon daily Back to the Incheon

The father of Wireless presenter, CEO Choi from CHOISTECHNOLOGY





magazine April, 2020 New Technology of the Month

Commercialization Success Technology of the Month –

Introduction of ChoisTechnology's modular wireless patient monitoring device



magazine June 2021, STATIONARY Art

The perfect presentation partner, X-pointer XPG300Y & XPM170Y





magazine July, 2020 Kids magazine AMANG

Editor's Pick – ChoisTechnology Thermosafer XST200



What's New – ChoisTechnology Thermosafer XST400







2018. 01. 09 - 'Florida, USA, NEWS4JAX'

Smart Monitoring Body Thermometer 'Thermosafer' Interview on CES2018



2018. 05. 16 - 'Vietam HTV2 Oh, my baby'

Smart Monitoring Body Thermometer 'Thermosafer' on Broadcast in Vietnam



2016. 08. 04 - 'MBC Evening Biz-news'

Smart Monitoring Body Thermometer 'Thermosafer'



2016. 07. 29 - 'SBS 8pm news'

Smart Monitoring Body Thermometer 'Thermosafer'





2020. 11. 30 - 'SBS PENTHOSE'

Using XPM140PC by Kijun Um (an actor of Korea)



2020. 07. 15 - 'TVN justhappened'

Using XPM140 by Daesung Choi (an history famous lecturer of Korea)



2018. 02. 01 - 'SBS RETURN'

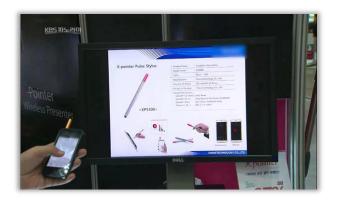
Using XP140S by Hyeonjung Ko (an actress of Korea)



2017. 04. 30 - 'JTBC CHINA CLASS'

Using XPM140P by Jang ha sung professor





2013. 10. 25 - 'KBS PANORAMA'

Introduction XPS300 and other products of CHOIS



2014. 04. 10 - 'MBC 뉴스데스크'

Introduction XPS300 and other products of CHOIS



2017. 11. 29 - 'EBS2 THINK CONCERT'

Using XP140S



2018. 05. 03 - 'JTBC HITMAN'

Introduction Xelfie & Xelfie-Pod

COMPANY HISTORY SUMMARY



- 2004 Moved laboratory in Defense technology venture center
 Defense Quality Assurance Agency
- 2002 Corporation(2002.1.8)
- 2001 Venture business
- 2001 Establish CHOISTECHNOLOGY

- 2011 Changed CHOISTECHNOLOGY BI
- 2010 Changed CHOISTECHNOLOGY CI
- 2010 Established the branch in Seoul
- 2010 Joined the Korea Presentation Association

- 2022 CMS cold chain solution launching
- 2022 KIMES exhibition
- 2021 CMS wireless monitoring control solution and thermometer launching
- 2021 Supplied Thermosafer XST400 to Eunpyeong Sungmo Hospital,
 Yongin Severance Hospital, and National Health Insurance Corporation Ilsan Hospital
- 2021 Amazon launch in the US, X-pointer brand store open
- 2021 Thermosafer sales in the US and UK
- 2021 global e-sports PUBG Global Invitational.S player body temp. monitoring thermometer
- 2020 Introduced monitoring thermometer to negative pressure room at Seoul Sungmo Hospital

2020 -

- 2020 ImagePointer XPG300Y 'Indiegogo' crowdfunding open
- 2020 Thermosafer XST400 single use type launched

2001-2004 2010-2014



- 2007 Selected as a Technology Innovation-based Small and Medium Company (INNOBIZ)
- 2005 Found R&D department
- 2005 Joined Korea International Trade Association
- 2005 Joined RFID/USN association of Korea

2015-2019

- 2019 IMAGEPOINTER XPM170Y, XPG300Y launched
- 2018 CE acquired for medical device
- 2016 Moved to company (Songdo Technopark IT center)
- 2016 Recognized conformity GMP KFDA
- 2015 Authorized medical device manufacturing KFDA
- 2015 Software licensee

THANK YOU



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