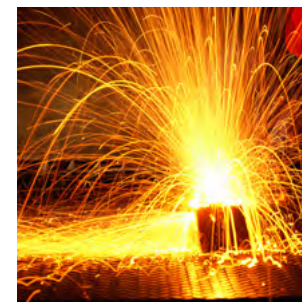


COWIN SYSTEM

Corporate profile & QMS

A company specializing in automatic control total solution



코원시스템주식회사
COWIN SYSTEM CORPORATION

Company Introduction

CEO greeting

Value Creation, Customer's Success

저희 회사는 각종 플랜트의 생산설비의 제어 및 운전을 감시하는 제어 시스템의 각종 계장제어반의 Control Panel을 설계, 제작하는 전문 업체입니다.

지동제어관련 분야의 국내외 프로젝트 수행의 많은 경험을 바탕으로 Total Solution을 제공할 수 있는 기술적인 역량을 바탕으로 석유, 화학, 가스, 전력, 제지, 식품 등 다양한 산업 발전의 생산의 효율화에 기여하고 있습니다.

앞으로 코윈시스템은 행복한 일터를 만들어 나가는 기업으로서 최적의 품질과 고객의 가치를 창출하여 사회로부터 존경받는 기업이 되도록 최선을 다할 것입니다.

감사합니다.

대표이사 조재홍

Company Introduction

Management philosophy

Value Creation, Customer's Success

최고의 품질과 안정성을 바탕으로 제품을 설계, 제작하여 산업계에 제공함으로써 고객의 가치를 높인다.

경영이념

행복한 일터
행복한 가정
행복한 사회

비전

핵심가치

고객중심
CUSTOMER

고객의 가치를 위해서 최고의 솔루션을 제공하며 고객 제일주의를 추구한다.

열정
PASSION

목표를 명확히 하고 자신감과 열정을 가지고 도전하여 행복한 삶을 만들어간다.

신뢰
TRUST

고객과 신뢰구축을 통하여 상호 성공적인 성과를 창출해 나가도록 한다.

행복
HAPPINESS

조직 구성원의 행복을 통하여 고객의 수익도 향상시키고 건강한 삶을 만들어 간다.

감사
THANKS

감사하는 마음가짐을 갖고 소통과 배려로 행복한 기업, 사회, 가정을 만들어 간다.

Company Introduction

Company history

Value Creation, Customer's Success

- 2019. 03. 부평산업단지공단 입주(부평테크시티8층)
- 2017. 09. 기술혁신형 중소기업(Inno-Biz)선정
- 2015. 10. 병역특례업체 선정
- 2014. 10. 일 학습 병행제 시행
- 2014. 04. 벤처기업 등록
- 2013. 08. 기업 부설 연구소 설립
- 2013. 04. 사명 변경-코윈시스템(주)
- 2006. 07. 사명 변경-코윈(주)
- 2000. 05. ISO9001 / KSA9001 / ENISO9001 인증 취득
- 1998. 10. 회사설립 (두비산전)

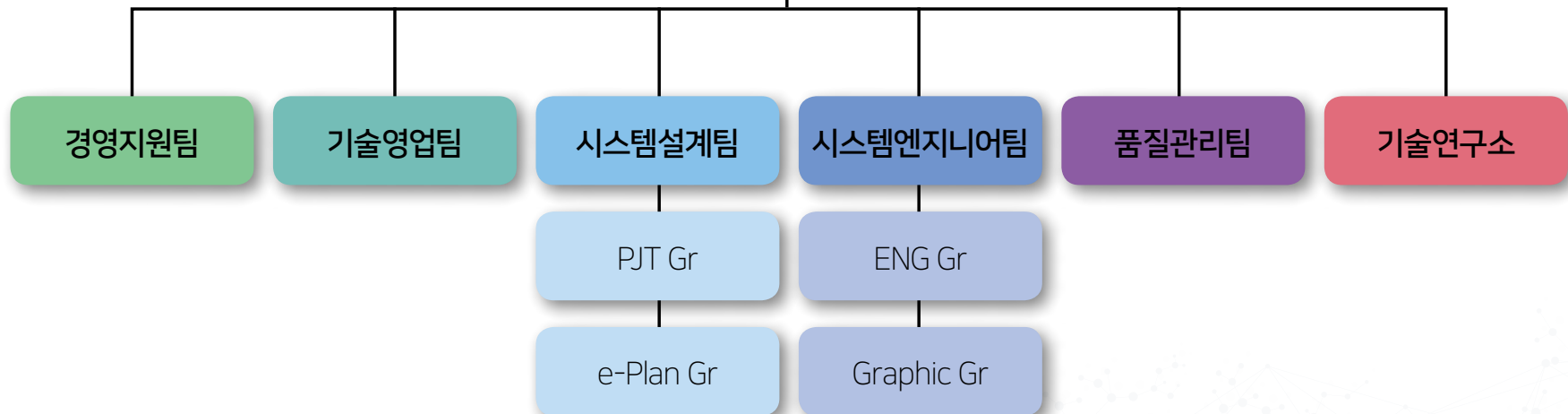
Company Introduction

Organization

Value Creation, Customer's Success



대표이사



Business Introduction

Business field

Value Creation, Customer's Success

코원시스템은 자동제어 관련의 Total Solution을 제공할 사업 구조를 갖추고 있습니다.

코원시스템은 자동제어 분야 및 계측제어 분야의 설계 및 기술 개발로 국내외의 다수의 Project를 수행한 앞선 기술로 승부 할 것입니다.

코원시스템은 앞선 기술력을 바탕으로 공정 자동화, 전력 자동화, 산업기기 사업분야의 미래를 선도 할 기준을 제시해 나아갈 것입니다



Instrument Solutions

- ▶ Flow meter
- ▶ Pressure Transmitter
- ▶ Level Transmitter
- ▶ Analyzer-Liquid
- ▶ Analyzer-Gas
- ▶ Temperature Transmitter
- ▶ Recorder
- ▶ Controller

System Solutions

- ▶ System Cabinet
- ▶ Mashalling Cabinet
- ▶ Interposing Relay Cabinet
- ▶ Power Distributor Cabinet
- ▶ Networks Cabinet
- ▶ Auxiliary Cabinet
- ▶ Human Interface Station
- ▶ Monitor Wall Rack
- ▶ Mill House

Software Solutions

- ▶ 전력ITS
- ▶ SCADA
- ▶ 도로교통System(ITS)
- ▶ 공정제어 System
- ▶ PLS System 구축
- ▶ MMI System 구축

Business Introduction

Products

Value Creation, Customer's Success

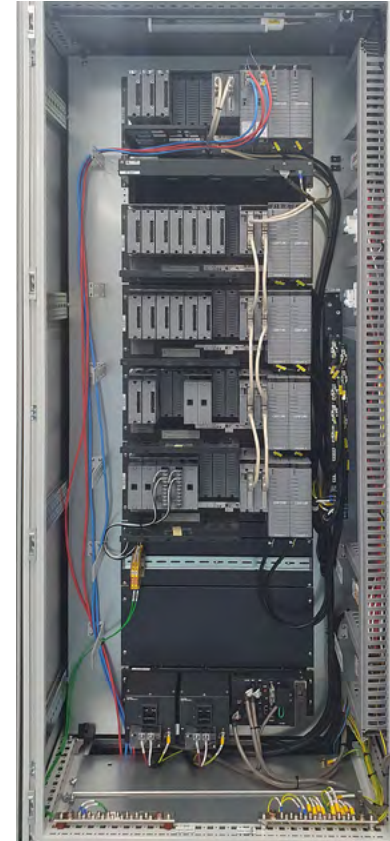


A company specializing in advanced control room solutions

Business Introduction

Products - Panel

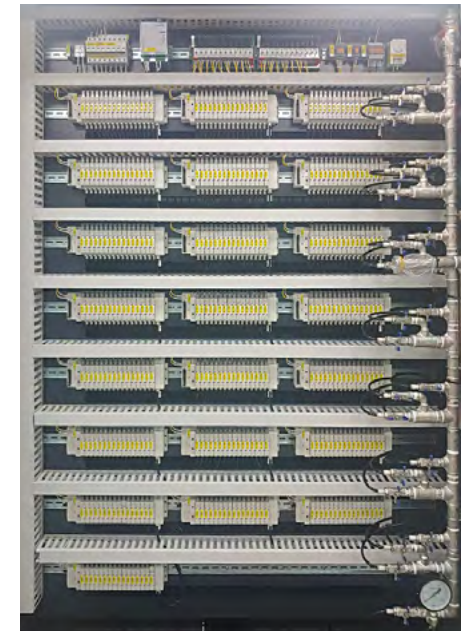
Value Creation, Customer's Success



Business Introduction

Products - Panel

Value Creation, Customer's Success



Business Introduction

Products

Value Creation, Customer's Success

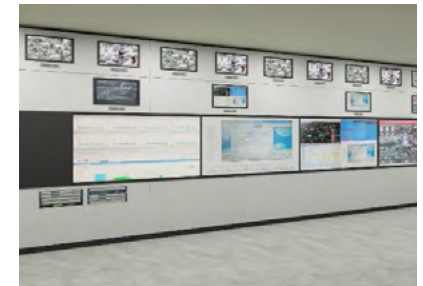


Installation of central control room

Console Desk



Monitor Wall Rack



Business Introduction

Office and Design center & Production line

Value Creation, Customer's Success



Company specializing in automatic control total solution

Business Introduction

Performance of products and projects

Value Creation, Customer's Success



A company specializing in automatic control total solution

2015

- 01 POSCO / 광양 SNG Project / 철강
- 02 POSCO / COKES CO2취입 자원화 Project / 철강
- 02 SYFT / I 14 Project
- 02 삼양사 / TPEE 증설-DCS 신규설치 / 일반화학
- 03 POSCO / PT-CG 14 Project / 철강
- 03 대한유화공업 / 울산공장 3 NO. 저감설비 설치공사 / 석유화학
- 03 대림산업 / SM200 Phase-1 DCS Project / 발전(Export)
- 03 SK머티리얼즈 / N-5 P2 Project / 일반화학
- 04 POSCO / K10-REV Project / 철강
- 05 POSCO / K3CGL Project / 철강
- 06 SK머티리얼즈 / SM Project / 일반화학
- 07 POSCO / 광양 5고로 1차 개수 G5R1 14 Project / 철강
- 09 SK머티리얼즈 / DS-1 원가절감 및 Trisilance생산관련 / 일반화학
- 09 SYFT / I-Project / 일반화학
- 09 스미모토화학 / KAK Project / 일반화학
- 10 KOLON / 폐놀회수설비 DCS공사 / 일반화학
- 10 OCI / 가소제 DOTP Project / 일반화학
- 10 POSCO / 광양 4냉연 2CAL / 철강
- 11 TK케미칼 / TS-108 Project / 일반화학
- 12 SK머티리얼즈 / N-5 P3 Project / 일반화학
- 12 POSCO / GTP Project / 철강(Export)
- 12 POSCO / COP Project / 철강(Export)
- 12 POSCO / CPCT Project / 철강(Export)
- 12 SSLM / DS-1 Project / 일반화학

2016

- 01 LG화학 / NO2CA 15 Project / 석유화학
- 01 현대건설 / UPON Punta Del Tigre CCPP / 발전(Export)
- 02 휴비스 / SAMY-12 & DRYER Project / 일반화학
- 03 POSCO / 광양 7CGL 15 PJT / 철강
- 03 SK머티리얼즈 / W2 Project / 일반화학
- 04 SK케미칼 / CDP-3 Project / 일반화학
- 04 대한유화공업 / KPIC EOG Project / 석유화학
- 05 현대엔지니어링 / SR Project / 일반화학
- 06 삼성토탈 / EVA2-EXP 16 / 석유화학
- 07 SK머티리얼즈 / C-2 Project / 일반화학(Export)
- 08 대한유화공업 / ONE Project / 석유화학
- 08 SK머티리얼즈 / P Project / 일반화학
- 09 POSCO / P3R3 Project / 철강
- 10 대한유화공업 / ONE Project / 석유화학

2017

- 01 LG화학 / NO2CA 15 Project / 석유화학
- 02 휴비스 / SAMY-12 & DRYER Project / 일반화학
- 03 POSCO / 광양 7CGL 15 PJT / 철강
- 03 SK머티리얼즈 / W2 Project / 일반화학
- 04 SK케미칼 / CDP-3 Project / 일반화학
- 04 대한유화공업 / KPIC EOG Project / 석유화학
- 05 현대엔지니어링 / SR Project / 일반화학
- 06 삼성토탈 / EVA2-EXP 16 / 석유화학
- 07 SK머티리얼즈 / C-2 Project / 일반화학(Export)
- 08 대한유화공업 / ONE Project / 석유화학
- 08 SK머티리얼즈 / P Project / 일반화학
- 09 POSCO / P3R3 Project / 철강

Business Introduction

Performance of products and projects

Value Creation, Customer's Success



A company specializing in automatic control total solution

2018

- 12 POSCO / 동양플랜텍POSCO(광)HCGL Project / 철강
- 01 오션브릿지 / SI PJT DCS / 일반화학
- 01 휴비스 / 중합 HIS교체 Case 2 All Shutdown / 일반화학
- 03 KONON / (김천)PK-GTI Project / 일반화학
- 03 SC엔지니어링 / BB2 Project / 일반화학 (Export)
- 04 OCIM / MP5-DCS SYSTEM 공급&설치 / 일반화학 (Export)
- 05 GS건설 / RUWAIS Project / 석유화학
- 05 한솔케미칼 / HP-5 Project (DCS) / 일반화학
- 05 POSCO / 기력발전 4Unit 신예화 IRP / 발전
- 06 강원보일러 / UZGTL/BMS(강원) Project / 발전 (Export)
- 06 Kanto Denka / Fine Product Korea Gas Project Case2 / 일반화학
- 06 POSCO / 2열연 Revamping Project / 철강
- 06 SKC / KOLON PI/P4 Project / 일반화학
- 07 대한유화공업 / T-FB105D, T-GB103B / 석유화학
- 07 프로세스컨트롤 / UZGTL/MAIN Project / 석유화학
- 08 화승케미칼 / PET Line DCS Revamping Project / 일반화학
- 08 OCIM / MP4-IPR-001: DCS SYSTEM / 일반화학 (Export)
- 09 POSCO / 4냉연 1CAL Project / 철강
- 09 LG화학 / 3BE Project / 석유화학
- 10 대한유화공업 / ISBL (PJT-1 & PJT-2) / 석유화학
- 10 한솔케미칼 / 2차전지 DCS 추가 Project / 일반화학
- 10 폴린트코리아 / 완주 / M-XL Upgrade Project / 일반화학
- 12 KOLON / KNPC/ZOR Project / 철강
- 12 그린에어산소 / 당진 그린에어 산소 밸브스테이션 Project / 철강

2019

- 01 SKCKOLON PI / JTP#1 Project / 일반화학
- 01 효성화학 / 구미/효성 RF Revamping Project / 일반화학
- 01 POSCO / POSCO(광)2고로 NWP / 철강
- 02 POSCO / 4고로 PCI Project DCS / 철강
- 02 POSCO / 2&3 코크스3기, 4기 선탄 DCS 교체 / 철강
- 03 POSCO / 포항 2열연 신예화 / 철강
- 04 POSCO / 양소기력 발전 NOX 제거 능력 증대(SCR+SB)설비 / 철강
- 04 SECL / UAE Refining CFP Project / 석유화학 (Export)
- 04 LG화학 / CA2 15KMT Expansion Project / 석유화학
- 05 POSCO / 3고로 2차개수 Project 본설비 / 철강
- 06 이테크건설 / 대산 LMMA Revamping Project / 석유화학
- 06 두산중공업 / 바이오매스 대산 열병합 열공급시설 건설공사 / 발전
- 07 한화토탈 / 19TA LDPE 대정수 / 석유화학
- 07 롯데케미칼 / UT OS Revamping Project / 석유화학
- 07 롯데케미칼 / D-PE1 Revamping Project / 석유화학
- 08 대림산업 / DIC Ma'aden Ammonia III Project / 일반화학 (Export)
- 08 POSCO / 포 2선재 합리화 Project / 철강
- 09 SYFT / 생산성향상 DCS Hardware 추가설치 구성작업 / 일반화학
- 09 SK트리캠 / C-Project / 일반화학
- 09 OCIM / MP4-IPR-001: DCS SYSTEM 추가 / 일반화학 (Export)
- 10 GS건설 / GS CALTEX MFC Project / 석유화학
- 10 SK트리캠 / 한양인더스트리/SK 트리캠 C2 Project / 일반화학
- 11 POSCO / 2소결 배가스 SCR Project / 철강
- 12 센추리 / ORC Project / 발전

2020

- 01 SK 케미칼 / CDP-4 Project / 일반화학
- 02 HSVC / LPG CAVERN Project / 일반화학 (Export)
- 02 POSCO / 1고로 TRP(TCS 20MW) Project / 철강
- 03 SK AIR GAS / M16 Project / 일반화학
- 03 POSCO / 기력발전 1,2 합리화 Project Total / 발전
- 03 POSCO / 원정수#1,2기 Project(DCS) / 철강
- 04 POSCO / 포항 2냉연 3CAL Case1 HMI 개체 FCS 교체 / 철강
- 03 도레이케미칼 / Panel 증설 / 일반화학
- 04 SK 머티리얼즈 / KRYPRON Project / 일반화학
- 04 나투라페이퍼 / DIP & PM DCS Upgrade-Case 3 / 제지
- 06 POSCO / 3후판 가열로 개조공사 NIO-R / 철강
- 05 애경유화 /
Expansion of New Tanks with Glycerine Project / 석유 화학
- 05 SKC KOLON PI / SCR HEATER CONTROL PANEL / 일반화학
- 06 SKC / DCS Migration Case4 NIO Panel / 일반화학
- 07 POSCO / (광) 1열연 WGB Project / 철강
- 06 KOLON / PF-Case2 경화제 Project / 일반화학
- 06 대한유화공업 / GB302B 추가 DCS / 석유화학
- 06 대림산업 / MADDEN AMP3 추가 작업 VO / 일반화학 (Export)
- 07 롯데케미칼 / 대산 D-GE,BDG 증산 반응설비 Project / 석유화학
- 06 애경유화 /
Expansion of New Tanks with Glycerine Project / 석유 화학

Business Introduction

Performance of products and projects

Value Creation, Customer's Success



A company specializing in automatic control total solution

2020

- 07 KCC / 전주 3공장 DCS Upgrade / 일반화학
- 07 롯데정밀화학 / MC 설비 증설 Project / 석유화학
- 07 POSCO(포) / 3코크스 5B Oven Project / 철강
- 08 SK AIR GAS / M16 PROJECT_COWIN(DCS) I/O 통합 / 반도체 가스
- 08 이테크건설 / HSVC PP5 Project (DCS) COWIN / 석유
- 09 POSCO(포) / 전기강판#1 DNL NIO-R(DCS) / 철강
- 09 효성티앤씨 / Q1 Project(DCS) / 일반화학
- 09 현대로템 / 그린에어/ASU NO.8 PROJECT_COWIN(DCS) / 철강
- 09 삼성물산 / THI VAI LNG Receiving Terminal Project / LNGC
- 09 OCI JWG-CB DCS Project / 일반화학
- 11 효성화학 / TPA DCS Migration Project COWIN(DCS) / 일반화학
- 12 B PROJECT 공정부문 PLC&PNEUMATIC CONTROL SYSTEM / 반도체 가스

2021

- 01 DEMATIC / LOTTE Youngnam LEVEL5 PROJECT / 물류자동화
- 01 Y D K / PROJECT_COWIN(DCS) / 일반화학
- 02 DEMATIC / LOTTE Youngnam L6 P6184 MS PROJECT / 물류자동화
- 02 SK 쇼와덴코 / NO.2 CH3F Project_COWIN(DCS) / 가스
- 03 SK AIR GAS M16 Ph2 PROJECT_COWIN(DCS) / 가스
- 03 한국유리공업 / GF#1 Upgrade Project Case-1_COWIN(DCS) / 일반화학
- 03 도요엔지니어링 / KD GAS EXPANSION Project (NEW) / 반도체가스
- 04 이테크건설 삼양이노캠 N Project_COWIN(DCS) / 석유화학
- 04 한솔케미칼 / NBL 2차전지 Expansion Project_COWIN(DCS) / 2차전지
- 05 POSCO(광) / G4R2 TRP PROJECT_COWIN(DCS) / 철강
- 05 한화케미칼 / C5 PLC Revamping Project COWIN(DCS) / 석유화학
- 05 SN2426 174K LNGC-IAS Project_COWIN(DCS) / LNGC
- 05 롯데GS화학 / G1 Project_COWIN(DCS) / 석유화학
- 06 효성 티앤씨(울산) / Nylon 종합 DCS Revamping (Phase-1)_DCS(COWIN) / 일반화학
- 06 금호폴리캠 / 1LINE DCS Migration Project_COWIN(DCS) / 석유화학
- 06 동서석유화학 / 울산 TSPC DCS UPGRADE(DCS,ESD) / 석유화학
- 06 SECL/ CFP FF Cabinet 추가 SIS-201 추가 관련 / 석유화학
- 07 OCIM/ MP6 (DCS Demolition&Relocation) Project_COWIN(DCS) / 일반화학
- 07 POSCO(포) / 전강 2APL Project_COWIN(DCS) / 철강
- 07 SK Innovation / BMR Pilot Peoject_COWIN(DCS) / 2차전지

2021

- 07 POSCO(포)/코크스 전공장 화성부 PosFrame 구축 Panel_COWIN(DCS) / 철강
- 07 POSCO(광) / G4R2 Project_COWIN(DCS) / 철강
- 07 국도화학(익산)/WWT DCS 도입_COWIN(DCS) / 일반화학
- 07 SU Materials / C Project_COWIN(DCS) / 디스플레이
- 07 SKC(수원)/ SSF-5 DCS UPG Project_COWIN(DCS) / 일반화학
- 07 KPIC/ KSA Project_COWIN(DCS) / 석유화학
- 08 LGC-D(대산) / SM Plant Console 개선 Project_COWIN(DCS) / 석유화학
- 09 도요엔지니어링/KD COS Expansion_COWIN(DCS) / 반도체가스
- 10 SK GAS / U-PLUS Project (G.HUB)_COWIN(DCS) / 석유화학
- 10 FOOSUNG / Remote Control Room Networks_COWIN(DCS) / 일반화학
- 11 스미세이케미칼 / KC Project_COWIN(YSWP) / 반도체가스
- 11 POSCO(포) / 2화성 냉동기 신설 Project_COWIN(DCS) / 철강
- 11 KC PROJECT SOV PANEL / 반도체가스
- 12 POSCO 광양 3,4 냉연 2CAL 소둔로 연소장치 강건화 / 철강
- 12 한화케미칼 / H-2 Project_H/W 장착(YSWP) / 석유화학
- 12 POSCO(광) / 1냉연 CAL Project Case3_COWIN(DCS) / 철강
- 12 POSCO(광) / 2냉연 CAL Project Case3_COWIN(DCS) / 철강
- 12 POSCO(광) SCR 저감설비 Project/철강
- 12 도요엔지니어링 / DAIKIN Project_COWIN(DCS) / 일반
- 12 SKI/PCRT Scale-up Project_COWIN(DCS) / 2차전지
- 12 Doosan / LH2 Project_COWIN(DCS, ESD) / 수소

Quality Management System

History of ISO9001

Value Creation, Customer's Success

ISO9001 certification surveillance:
January every year

2000

Acquiring ISO9001
certification
(1994 version)

2002

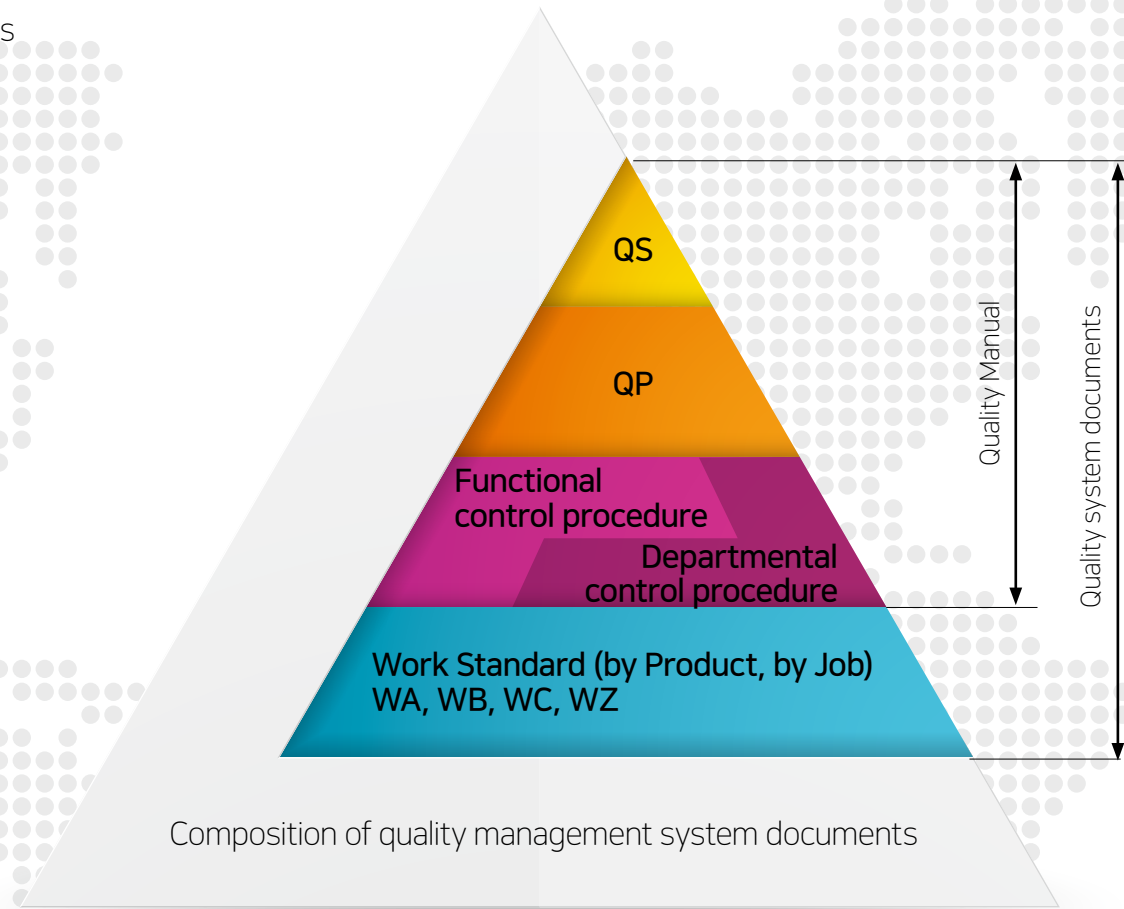
Update ISO9001
certification
(2000 version)

2008

Update ISO9001
certification
(2008 version)

2018

Update ISO9001
certification
(2015 version)



Quality Management System

Certificate for Quality

Value Creation, Customer's Success



[ISO9001]

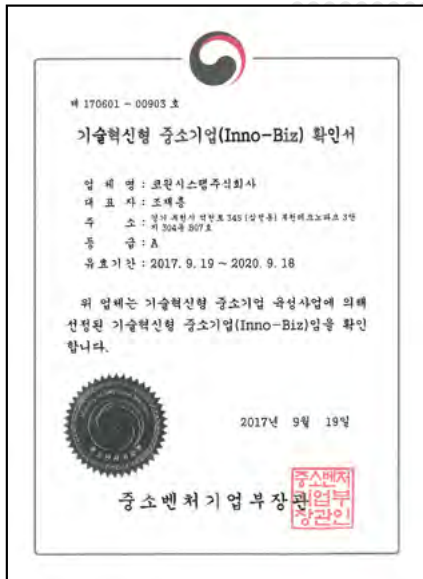


[IQNET]

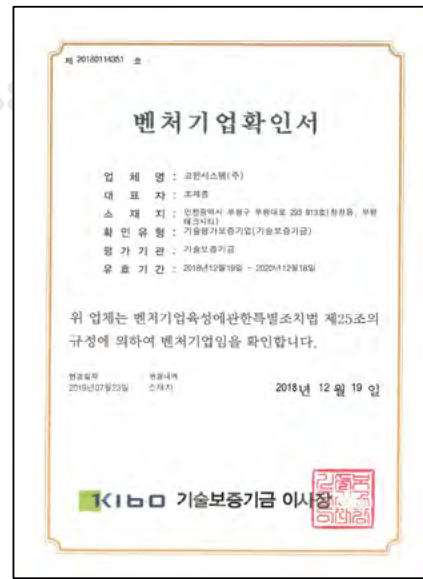
Quality Management System

Certificate for Quality

Value Creation, Customer's Success



[이노비스 인정서]



[벤처기업 확인서]



[기술 특허증]



[품질경영시스템 인증서]

Quality Management System

Certificate for Quality
Value Creation, Customer's Success

A company specializing in automotive control total solution



DET NORSKE VERITAS
STATEMENT OF CONFORMITY

Certificate No. 110666-2012-CB-KOR-DNV
This Certificate consists of 2 pages

This is to certify that the product(s)
COWIN CORPORATION IP64 CABINET
with name and/or type designation(s)
CW-IP-0864(DNV)
Manufactured by
COWIN CORPORATION
BUCHSEON TECHNOPARK 3 HOUSING ESTATE 304-B07, 345 SAMJEONG-DONG, OYEONG-GU,
BUCHSEON-SI, GYEONGGI-DO, KOREA

THE PRODUCT(S), AS TYPE-TESTED IN ACCORDANCE WITH IEC60529 Edition 2.1:2001, IP64 on
CW-IP-0864(DNV), IS FOUND TO COMPLY

Further details of the product and conditions for verification are given overleaf

Place and date:
Seoul, 2012-01-31

(The Certificate is valid until):
2017-01-31

Signature:
Jangyeop Lee
Chief of Department

Signature:
Seunghee Yoon
Technical Reviewer

Notice: The certificate is subject to review and conditions provided. Any significant changes in design or construction may require this certificate to be updated.
The certificate is valid only for the product and conditions specified. It is not valid for other products or conditions.
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BUCHSEON TECHNOPARK 3 HOUSING ESTATE 304-B07, 345 SAMJEONG-DONG, OYEONG-GU, BUCHSEON-SI, GYEONGGI-DO, KOREA
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Page 1 of 2

[IP65, 64 DNV]

COWIN SYSTEM



코윈시스템주식회사
COWIN SYSTEM CORPORATION

인천광역시 부평구 부평대로 293, 부평테크시티 813호, B108호

A company specializing in automatic control total solution