

TAEHA | KONVIS



www.taeha.co.kr

421, Bakdal-ro, Manan-gu, Anyang-si, Gyeonggi-do, Korea, Rep. (13978)

Tel : +82-31-463-7963 Fax : +82-31-447-0529

Email : tech.sales@taeha.co.kr

The image features two large, abstract geometric shapes outlined in black. The top shape is a parallelogram with a horizontal top edge and a horizontal bottom edge, connected by two parallel slanted edges. The bottom shape is a more complex polygon with a horizontal top edge, a vertical left edge, a slanted bottom-left edge, a horizontal bottom edge, a vertical right edge, and a slanted top-right edge. The text 'Your Motivation, Our Inspiration' is positioned to the right of the top shape.

**Your Motivation,
Our Inspiration**

Contents

- [01](#) Company Story
- [02](#) Company History
- [03](#) Core Technology
- [04](#) Certificates & Awards
- [05](#) Customers & Partners
- [06](#) Products & Solutions





INFINITE POSSIBILITY

COMPANY STORY

Intergrated Solution for Electronic Control System of Industrial Equipment & Vehicles

Established in 1995, TAEHA Mechatronics has become specialized in the design and manufacturing of industrial equipment & vehicles for electronic control parts, mainly construction, agricultural, mining, and heavy equipment & machinery segment. Our design, engineering and manufacturing facilities are originally based on South Korea, allowing us to maintain the highest quality standards, which continue to be the hallmark of TAEHA reputation.

In addition to our full ready product line of industrial equipment & vehicles, we can offer customized design and provide engineering capabilities to optimize a customer-driven system and meet customer's specification,
all within TAEHA's state-of-the-art ISO 9001 certified facilities located in South Korea.

TAEHA
TAEHA MECHATRONICS CO., LTD

COMPANY HISTORY

TAEHA
MECHATRONICS'
MARK



1995 ~ 2004

- 1995 • TAEHA MECHATRONICS CO.,Ltd. was founded in 1995

TAEHA

- Developed Mode Selection Controller for excavator

- 1996 • Established R&D Center
• Developed treadmill for exercise tolerance

- 2000 • TAEHA MECHATRONICS moved offices and manufacturing facility to Anyang, South Korea
• STEX brand launched
• Developed automatic control unit for excavator of Hyundai Heavy Industries



- 2002 • Developed Hyundai Heavy Industry Teaching Pendant

- 2004 • Certificated ISO9001:2000

2006 ~ 2015

- 2006
 - Developed and started mass production of ECU for mid-size excavator
 - 5 million (USD) export tower achieved
- 2007
 - TAEHA MECHATRONICS moved offices and manufacturing facility to larger location in Anyang, South Korea (Current address)
- 2007-2015
 - Developed and started mass production of ECU, cluster, monitor, telematics, rotary switch, ETC (Excavator & Wheel loader & Fork lift)



2019 ~ 2022

- 2019
 - Acquired IATF16949 certification
 - Registered as Volvo CE Group partner and development projects in progress



- 2020
 - Registered as Daedong group partner and development projects in progress



- KONVIS, off the shelf products division brand launched
- KONVIS**

- 2022
 - Registered as LSMtron partner and development projects in progress



CORE TECHNOLOGY

Software



android 



Hardware



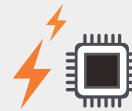
Hardware &
System Design



Product Design



UI/UX Design



E&E Control



Machine Control

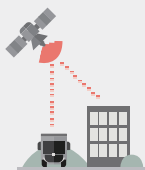


Motor Control



E&E Control

Network & Telecommunication



Telematics Management
System



Fleet Management
System



Connected Vehicle
Solution

**TAEHA
Mechatronics**
In - House

CERTIFICATES & AWARDS



IOS90011:2015



ISO14001:2015



IATF16949

INNOBIZ
Innovation Association



CUSTOMERS & PARTNERS



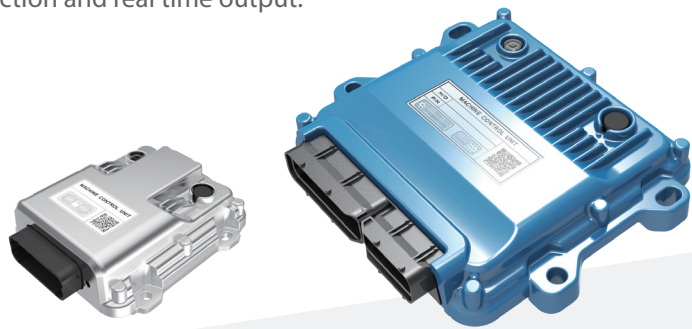
PRODUCTS & SOLUTIONS

KONVIS

ConPac Series

ConPac 035&120_Electronic Control Unit

Our ECU is especially designed for outside harsh environment. It's not only unique and robust aluminum die-cast housing design but also safety control mode, reverse protection, short circuit protection, over-load protection and real time output. The responding time can be controlled rapidly.



Flat Series

DUKE_HMI

(Human-Machine Interface) 7inch Display

DUKE is the display with 10 buttons as well as IP67 rating for protection and has the function of visualizing the vehicle parameters on the display.



CUBE_HMI

(Human-Machine Interface) 4.3inch Display

CUBE is compact size of off-the-shelf display as well as IP67 rating for protection and has the function of visualizing the vehicle parameters on the display.

Dash Series

DOT_Circular Cluster

DOT is compact circular cluster which diameter 103 mm and IP66 rating for protection.



UNO_Basic Instrument Cluster

UNO is basic type of instrument cluster which is sleek and robust design, and has highly readable typography.



Trace Series

RS1_Rotary Switch

The Trace Series - RS1 is basic rotary switch controller which allows navigating display integrated with custom-built 6 hot-keys.

RS1 makes it easy for driver to operate the function of cabin controlling multi-function knob and hot-keys.



Tap Series




KP1_Keypad (3x4)

KP1 is designed with large and fine-tactile 22mm rubber inserts that are easy to press, even while wearing gloves.

The Tap Series – KP1 is robust keys with customizable icons to suit any function application.

PRODUCTS & SOLUTIONS

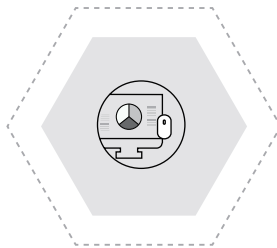
User centric optimized solution.

By applying  (IEC 61131-3) to **KONVIS**, it standardizes programming and engineering methodology in accordance with the paradigm changes in control technology, and provides new environment to companies facing a realistic resources limitation such as manpower, cost, time, and technology.



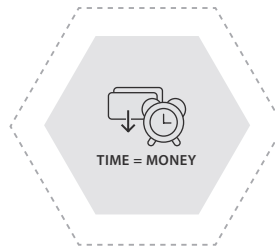
V

- H/W Interface customizing by user.
- Programmable with various language support.



V

- Easy & Powerful visualization.
- Simple modification with real-time monitoring.



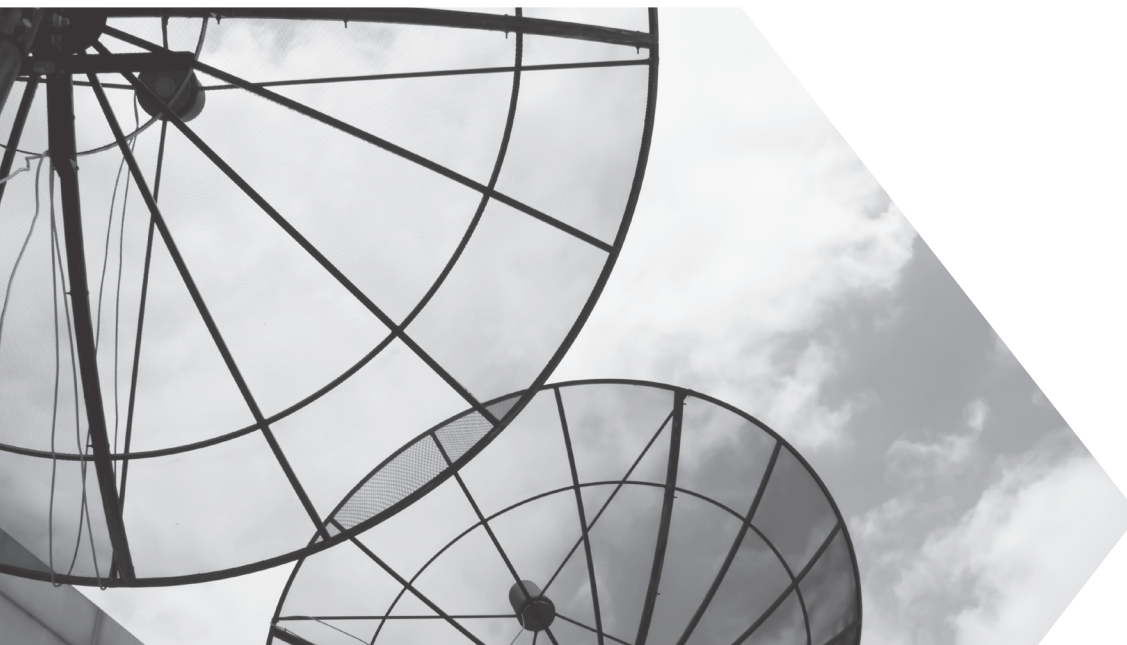
V

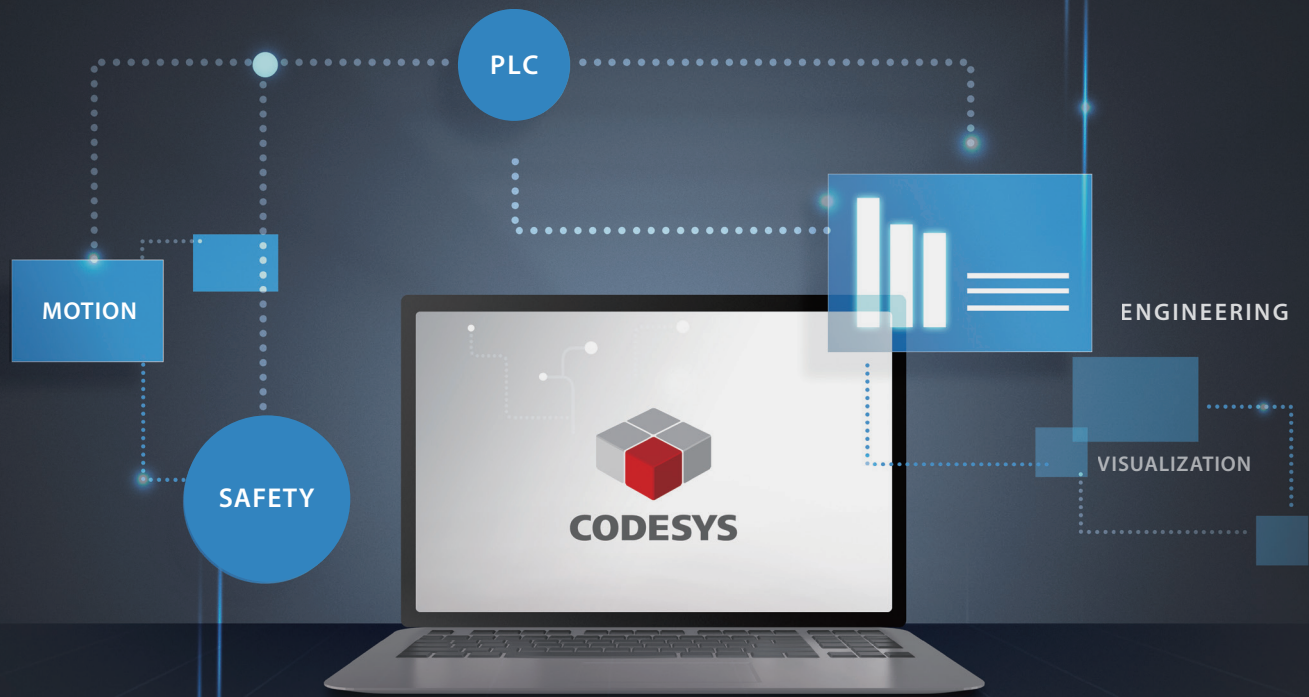
- Cost down and saving time by shortening the developing time.



V

- Developing time from 3 months to 1.5 month with installing runtime.





SOLUTIONS

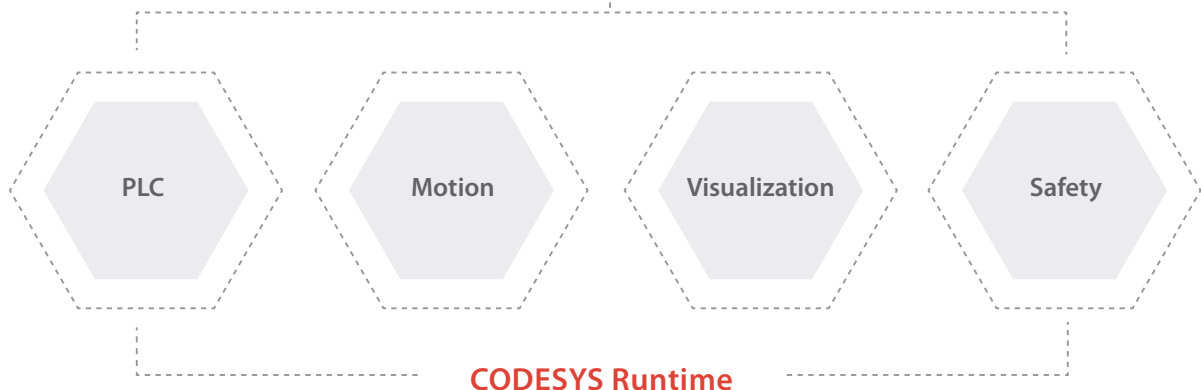
ENGINEERING



CODESYS

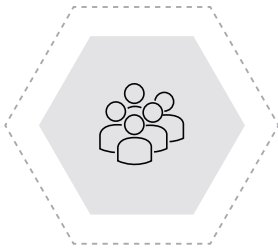
CANopen

DEVICE



PRODUCTS & SOLUTIONS

BENEFITS



V

- Simple & Powerful
- Continuous maintenance within resources.



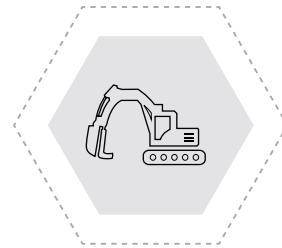
V

- Cost-effective
- Profitability



V

- Shorten the period of developing time.
- User-friendly Programming.



V

- Simple creation of graphics and web-pages.
- Scalability.

Object-oriented programming with interfaces, methods, and dynamic linking in all IEC 61131-3 implementation languages.



