ELEC. MODELING/ DRAWING
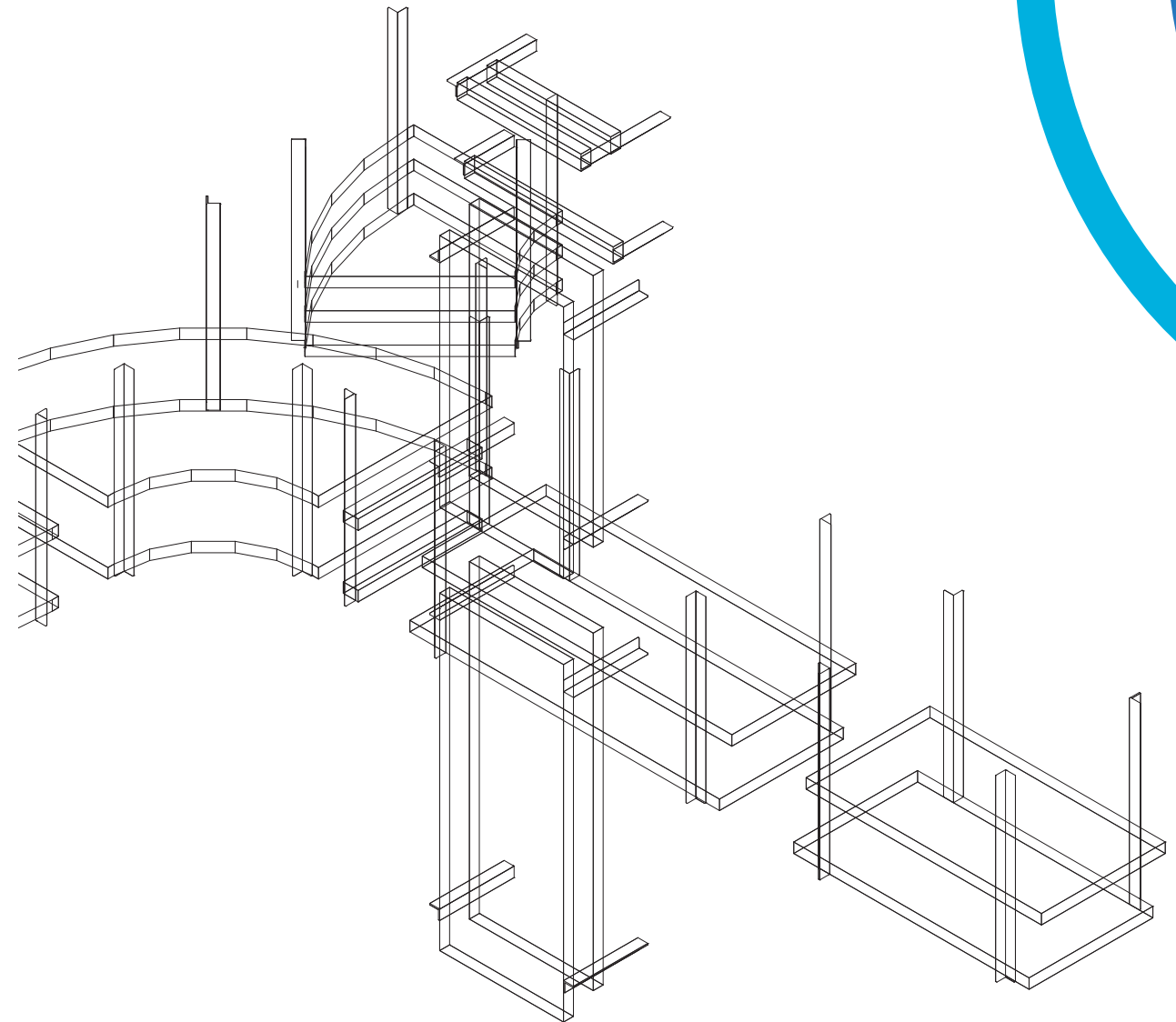
CAD Development Company

Seat Designer l Cable Tray Designer l Cable Router
Elec. Sketch l Elec. Inst. Sketch

DKSOFT

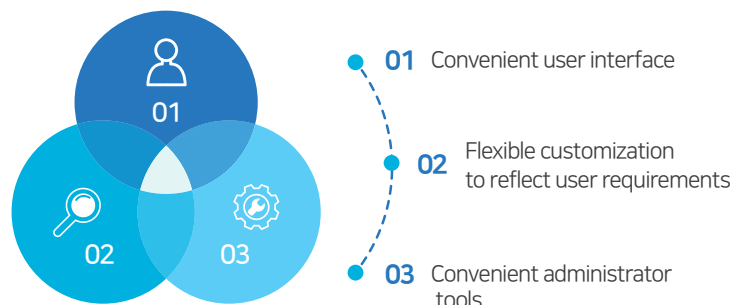*Research & Development for Inhouse Program*

CAD Development Company

E&I Software

1. Seat Designer : Seat Designer for standardized seat modeling based on excellent scalability

2. Cable Tray Designer : Cable Tray Designer, providing an easy, fast, intuitive cable tray modeling environment

3. Cable Router : Cable Router for visual representation of routing and calculation of cable quantity based on 3D modeling

4. Elec. Sketch : Elec. Sketch, a solution for consistent electrical production drawing to support flexible customizing

5. Elec. Inst. Sketch : Elec. Inst. Sketch, an optimized solution for creating installation drawings for electronic equipment

Product Features

Commonness

01
02
03

01 Convenient user interface

02 Flexible customization to reflect user requirements

03 Convenient administrator tools

Seat Designer

1. Easy to create and edit standardized seats
2. Convenient project group management
3. Default value setting for each seat
4. Diverse modeling utilities
5. Generation of detail drawing

Cable Tray Designer

1. Detailed representation of cable tray components
2. Display of cable tray location, distance, signal, etc
3. Settings for production information such as material and paint code
4. Enhanced ease of special cable tray modeling based on diverse modeling utilities
5. Generation of detail drawing

Cable Router

1. Node/cableway modeling
2. Node/cableway verification
3. Visualization of cable routing
4. Fill level check
5. Drawing and report

Benefit

$ Cost Reduction
Consistent and convenient modeling and creation of production drawing creation to help reduce time

Seat Designer
· Reduced modeling time and prevention of incorrect operation based on standardized seat types
· Reduced work time with automatic creation of standardized detail drawings

Cable Tray Designer
· Reduced modeling time thanks to the availability of diverse utilities

Cable Router
· Calculation of cableway length and determination of optimal routing based on 3D modeling
· Cable material saving by using optimization algorithm

Improved Work Efficiency
Minimized setup for each project through the administrator function

Seat Designer
· Prevention of incorrect operation based on standardized modeling
· Human error prevention by minimizing user touch-ups based on automated generation of detail drawing

Cable Tray Designer
· Minimized modeling errors based on a standardized cable tray
· Convenient modeling with the use of diverse utilities

Cable Router
· Creation of installation drawings of nodes and cableways
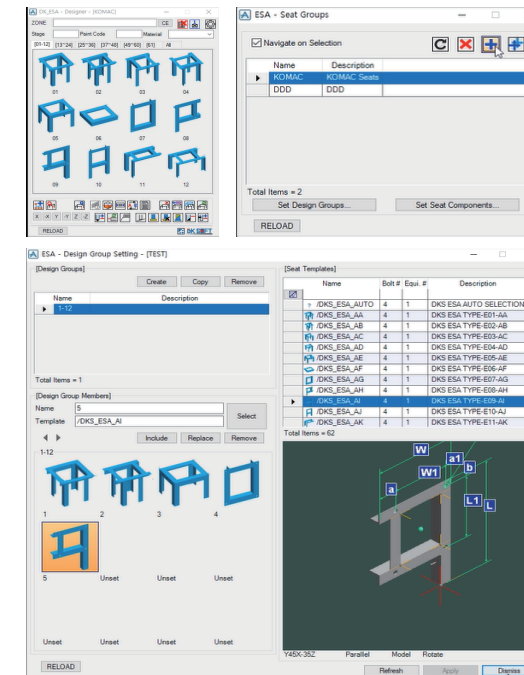· Error prevention and improvement of work efficiency based on visualized routing

Elec. Inst. Sketch
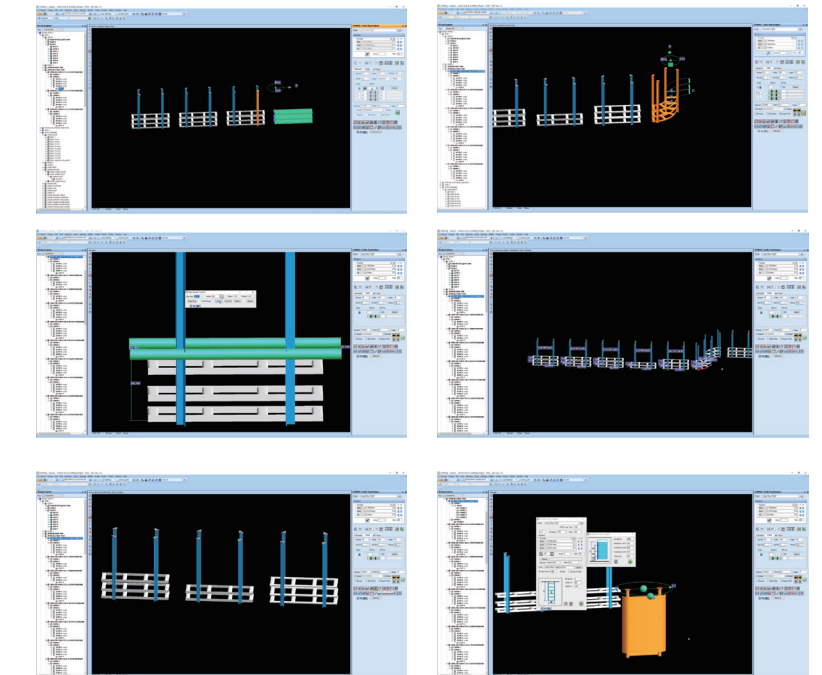· Optimal layout to minimize touchups

Product UI [User Interface]

Seat Designer
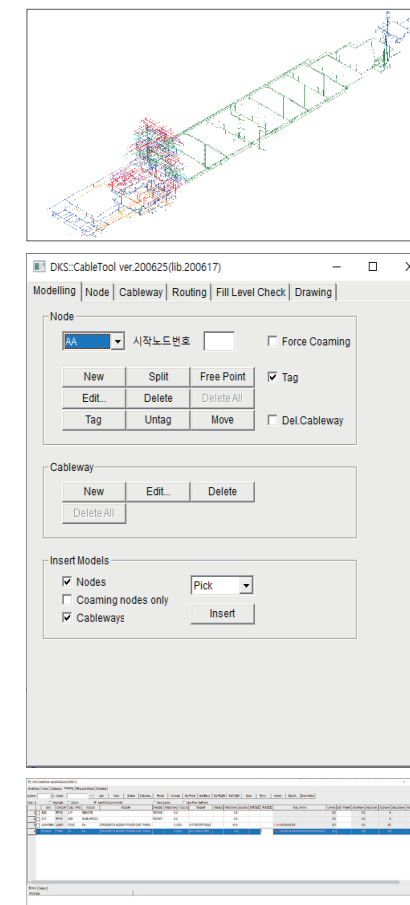(Software: TRIBON, AVEVA MARINE)

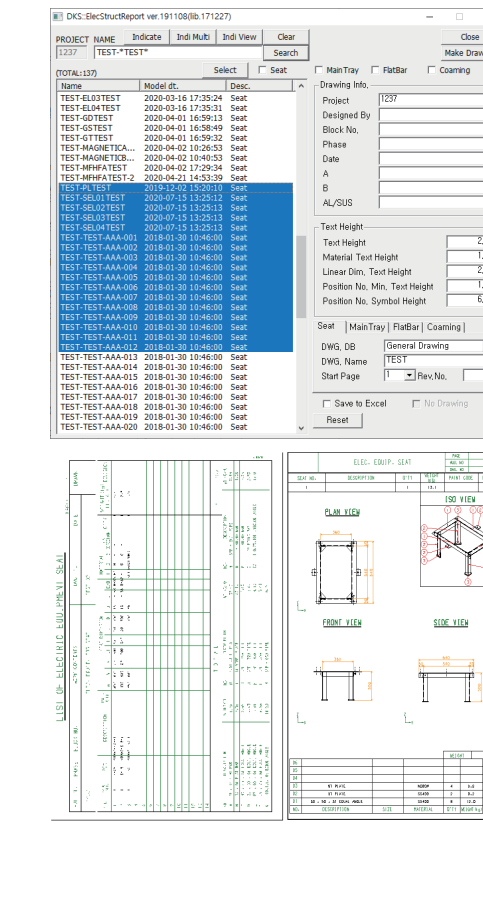### Cable Tray Designer
(Software: AVEVA MARINE)

Cable Router
(Software: TRIBON)

Elec. Sketch
(Software: TRIBON, AVEVA MARINE)

Elec. Inst. Sketch
(Software: TRIBON)