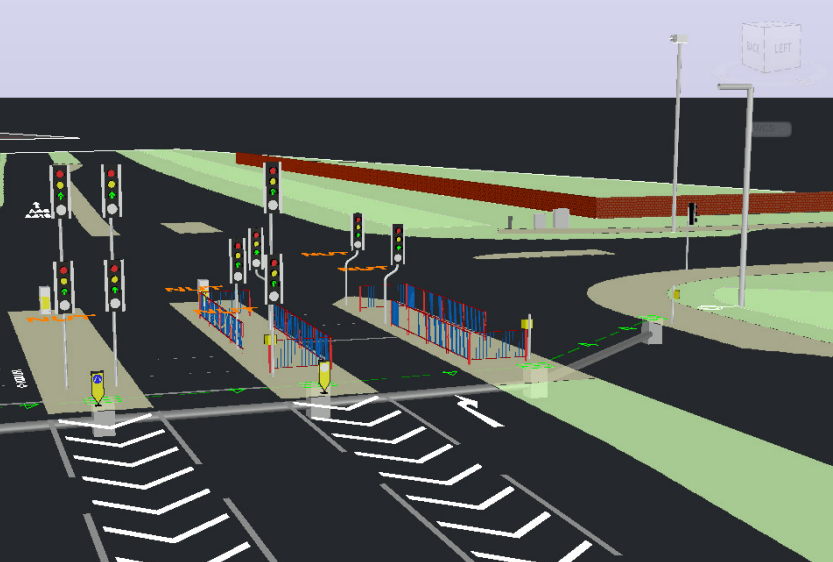




# Traffic Signal Design Software

Quickly design all aspects for traffic signals schemes and quantify costs





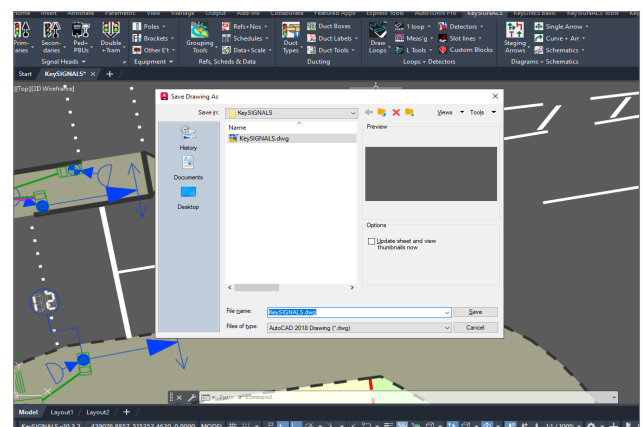
Produce traffic signal layouts with ease using KeySIGNALS, the UK's top traffic signal design software. KeySIGNALS enables engineers and signal designers to produce drawings of signal junctions and pedestrian crossings in AutoCAD and AutoCAD Civil 3D. With KeySIGNALS' range of creative tools and large

library of symbols, you can quickly configure and label detailed traffic signal design plans that are ready to be printed to any scale. Add paving features, produce duct layouts, generate staging reports, and quantify costs. KeySIGNALS' BIM-friendly format builds in data that can be readily exported.

## Benefits

### Save time creating traffic signal designs in AutoCAD

A smooth interface with AutoCAD and Civil 3D means you can employ KeySIGNALS' dedicated traffic signal design tools while harnessing the AutoCAD functions you're familiar with—allowing you to quickly produce comprehensive design plans.

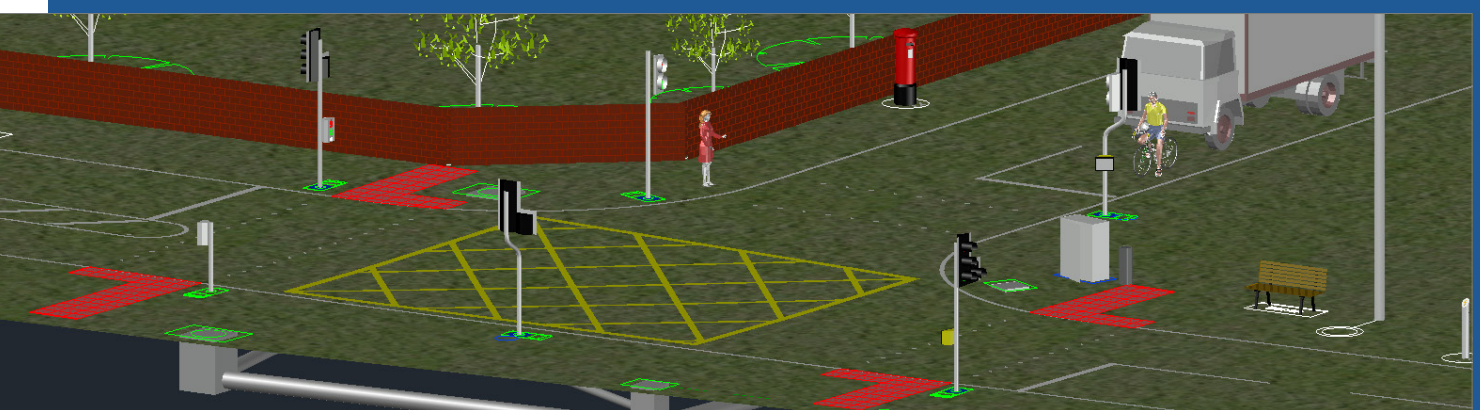


### Design in 2D, visualize in 3D

With KeySCAPE, you can create your 2D drawing and then automatically drape it over AutoCAD Civil 3D surfaces. All your markings are dynamically updated in 3D as you draw and make edits on your 2D plans. You can also assess your design's safety via 3D driver's eye view.

### Seamlessly collaborate with others

KeySIGNALS includes BIM attribute information on all markings and quantifies drawings for schematics and cost analyses. Files can be exported for BIM collaboration to IFC, GIS (SHP) or Navisworks.



# Features

## Access a complete library of signal symbols

KeySIGNALS' large library of signal head symbols—all conforming to TAL 01/06—will cover every option ever required. For novice signal engineers, KeySIGNALS also includes helpful tools such as 'build a head,' which automatically selects the appropriate symbols from the library after head components are chosen.

## Create simple or complex signal junctions

From pedestrian crossings through to large, complicated junctions—with KeySIGNALS, you can easily create them. KeySIGNALS' tool sets include a range of road markings, including zigzags for pedestrian crossings that can be quickly drawn along a straight line or around a curve. Labelling routines automatically generate a full description of road markings, ducts, loops, and other features.

## Draw tactile paving features

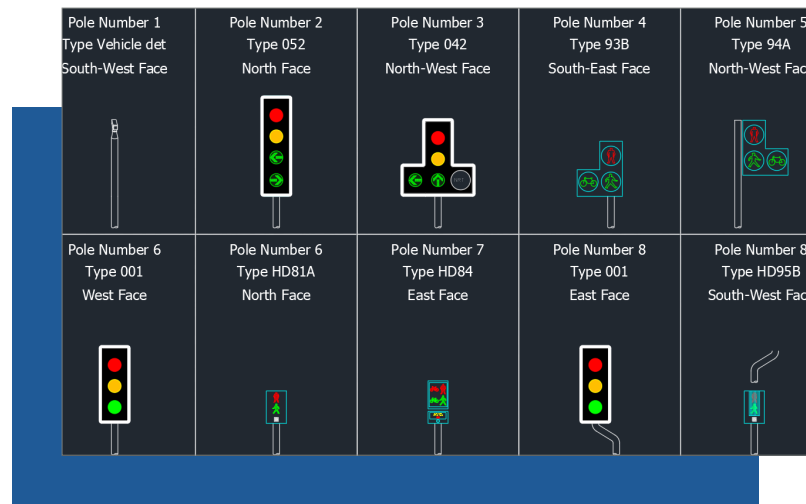
With KeySIGNALS, you can produce various combinations of tactile paving shapes and colours. Each individual paving slab is drawn to a user specified size.

## Generate required diagrams and schedules

KeySIGNALS includes a range of symbols and easy to use routines for generating staging, cabling, SCOOT, and Transyt diagrams. You can also produce signal head schedules and references.

## Design ducting layouts

With KeySIGNALS, ducting items in your drawing automatically connect with each other, so ducting systems can quickly be drawn, labelled, and quantified. Settings allow ducting line types, duct boxes, and duct descriptions to be customised.



## Utilise built-in BIM features

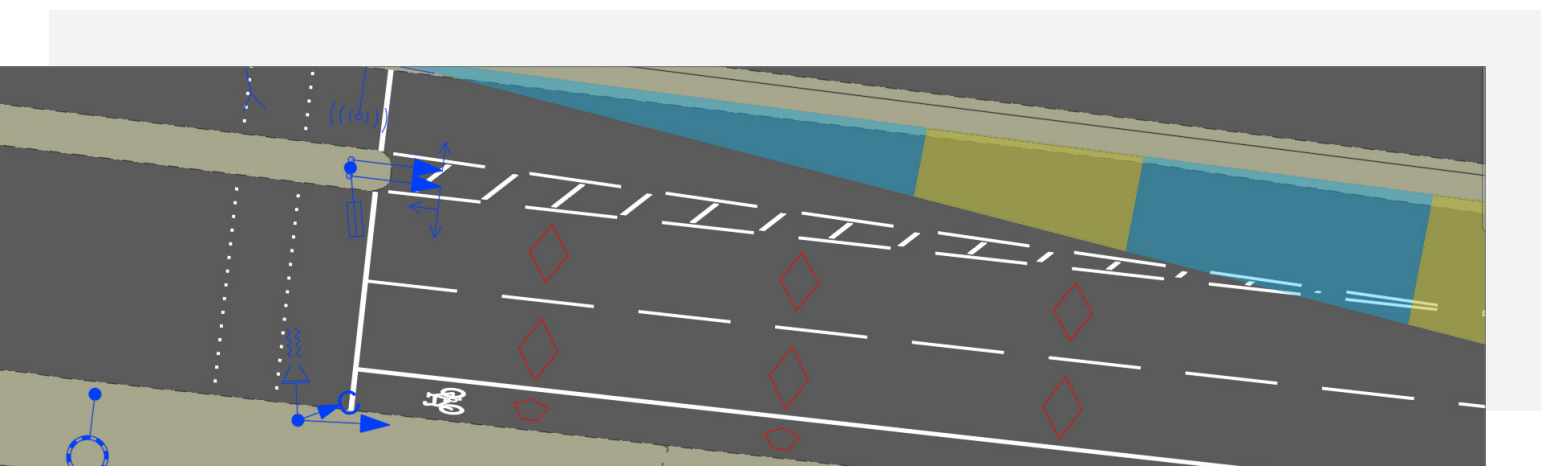
KeySIGNALS automatically includes BIM attribute information on all markings. You can also add custom data fields on an individual or category basis. Standards can be easily shared with team members using KeySIGNALS' data template manager, and your designs can be exported to IFC, GIS (SHP) or Navisworks.

## Drape markings on top of 3D surfaces

Once you create your 2D drawing, KeySIGNALS can automatically generate 3D markings on top of AutoCAD Civil 3D surfaces. These markings are dynamically updated as you draw and make edits.

## Assess safety through 3D driver's eye views

KeySIGNALS 3D driver's eye view function creates all the symbols as 3D items, allowing you to conduct safety audits and check for obscured heads.



## Platform Requirements

Supports the current and three previous versions of AutoCAD series of products.

## System Requirements

- Full support 64-bit operating systems
- Workstation: Windows® 10 (version 1607 or higher)
- Network: Windows® Server 2012, 2016, 2019

**KeySIGNALS enables engineers and signal designers to produce drawings of signal junctions and pedestrian crossings in AutoCAD and AutoCAD Civil 3D.**

