

<https://www.midasoft.com/bridge/civil/products/midascivil>

For more than last two decades, MIDAS Engineering Solutions have been used in designing prominent landmark structures around the world

Product Overview

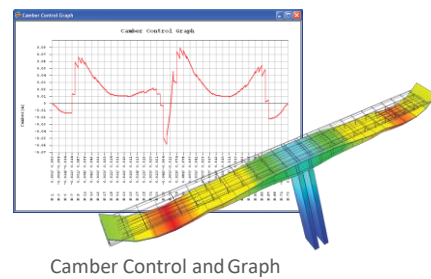
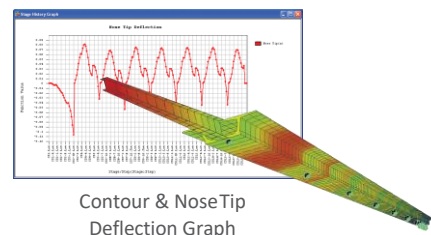
Civil Engineering Field

Application Areas

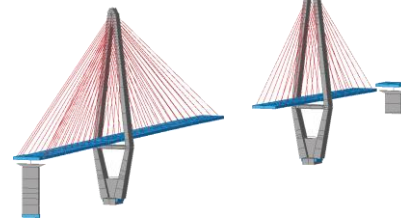
- Cable stayed bridge & Extra-dosed bridge
- Staged segmental post-tensioned bridge
- Curved steel plate and composite girder bridge
- Conventional bridge (Skewed slab, Frame & Culvert)
- Suspension bridge
- Integral bridge
- Subway Structure
- Tunnel structure
- Sewage treatment plant
- Heat of hydration for mass concrete
- AASHTO/CHBDC CSA code checking

Advanced Technology

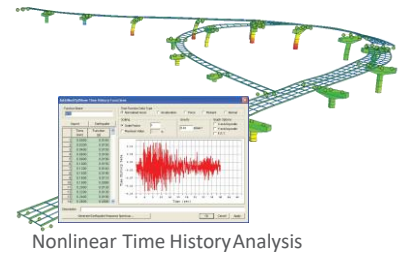
Staged segmental post-tensioned



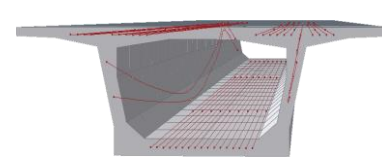
Staged construction analysis



Dynamic nonlinear analysis

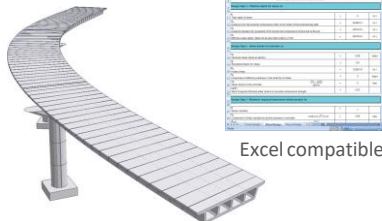


3D tendons & tension loss

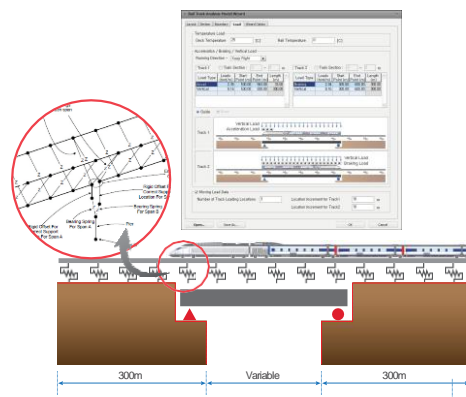


Prestressed girder design

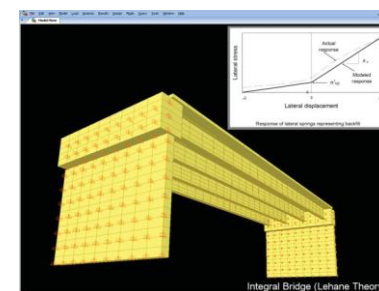
- AASHTO LRFD
- Eurocode 2
- Auto Design report



Rail Structure Interaction

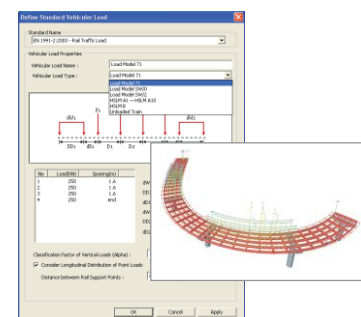


Integral Bridge with Soil-Structure Interaction

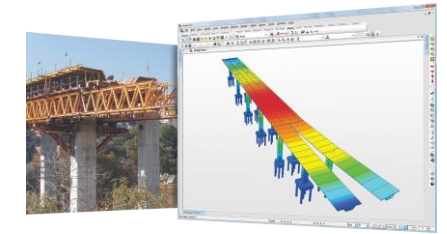
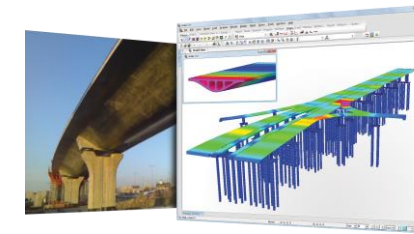
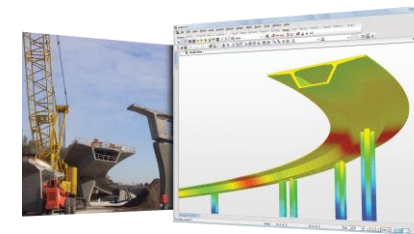


Moving Load Optimiser

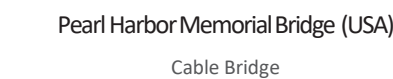
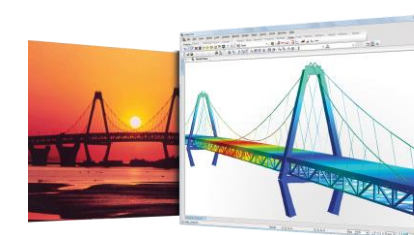
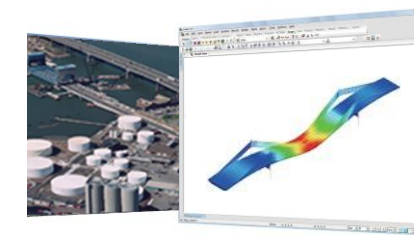
- AASHTO LRFD & LRFR
- Eurocode1
- CAN/CSA-S6
- BD37/01
- Russia
- Transverse Analysis Model



Segmental Bridges



Cable & Suspension Bridges



Steel/PSC Bridges

