HEXAGON

3D Design that Exceeds Your Project Scope

Intergraph Smart® 3D

Now we can work together on projects (CADWorx > Intergraph Smart Interop Publisher > Smart 3D)

CADWorx®

Common Base Design Capabilities

When your project scope has...

- Primary handover format is rich data
- Extensive back-end data integration of supply chain; project execution
- Sweetspot CAPEX Projects $100's millions to $10's billions
- Project requires tight user access/permission control at single or multiple sites
- Project has complex splits for division of work not easily managed by multiple files
- Automated change tracking (who; when; why) on components; systems; drawings is needed
- Requires integration involving automated data transfer & system-assisted change management
- Thousands of pipelines; 100's-1000's of equipment tags; 10's of thousands instrument tags
- Extensive MTO requirements; multiple alternative database filters & representations
- Project requires extensive electrical cable tray; conduit & equipment modeling; cable assignments to trays; MTO of physical components & cables
- Project requires extensive HVAC ducting & component modeling; detailed HVAC drawings & MTO

Select Smart 3D

When your project scope has...

- Primary handover format is DWG files
- Light integration needs; integration benefit more between modeling & analysis to reduce iterations; less about heavy data sharing across departments
- Sweetspot CAPEX projects $100's thousands to $10's millions
- User access control requirement is simple; accomplished with file/folder permissions & Windows user mgt
- Project has clear vertical splits for division of work; easily managed by individual design files
- Change tracking & management are achievable manually via visual inspection
- Piping & process Integration achieved with simultaneous display of schematic data/model data for visual checking & correction
- 100's to 1000's of pipelines; 10's-100's equipment tags; 100's-1000's instrument tags
- Simple MTO requirements; few to several database filters & representations
- Simple space reservation for electrical cableways for clash detection; no electrical or cable MTO
- Simple space reservation for ducting for clash detection; no HVAC drawings or MTO needed

Select CADWorx

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