



MiTek[®] SAPHIRE[™]
Build

PRODUCT DEVELOPMENT

SAPHIRE[™] Build enables the builder to manage options in the CAD system, 3D, take-offs from CAD which flow directly into the purchasing module of the SAPHIRE *Build* Enterprise Management Suite.

Create distribute, and manage the construction documents. The versions and releases of the CAD drawings and construction documents are integrated into the full management suite and work concurrently with our business hierarchy. A vendor or builder does not have to worry about having the wrong version of a plan at a community or lot.

Enable discipline in these product development departments in producing construction documents, design development and interaction with the entire design team including the engineers, mechanical HVAC partners and component manufacturers.



SAPHIRE Build is the first enterprise management suite to fully integrate a volume home builder's product development business processes into the mainstream enterprise management system.

Architectural CAD Features:

- Manages code options, sales options
- Automatic house configurator
- Option on option tools
- One BIM for all construction docs
- 3D sales brochures
- Automatic plan mirroring
- Manages structural options

Structural Frame Design Features:

- Structural frame modeling
- Vertical load distribution
- Design of EWP, dimensional lumber, connectors
- Shear wall specification
- Clash detection
- Material accumulation

Estimating Features:

- Material take-offs
- Automated option costing
- Material Validation
- Reports integrate with your business software
- Conditional take-offs
- Communicate with trade partners
- Customized output