HMC Architects

Architecture firm automates specification creation with BIM integration using e-SPECS®

HMC Architects had 20 years of valuable specification data within their custom office masters, which was based off MasterSpec® content. HMC’s office masters were not aligned with their BIM models which slowed their team down, requiring the design team to frequently correct errors between the two. HMC’s specifications writer, Jeffrey Potter, was tasked with finding a solution to this problem. He found that e-SPECS allowed the firm to connect their existing office masters with their BIM models to build consistently accurate project manuals and cut their content creation time in half.

- **50%** Decrease in project manual creation time
- **60%** Of the spec is generated automatically from the Revit model
- **25%** Of the 1,200 sections were identified to streamline office master maintenance
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Challenges

• HMC used Microsoft Word to manually create specifications and housed two-decades of valuable spec and proprietary data.
• Lack of synchronization between specifications and Revit models slowed design projects down.
• Alternative solutions for BIM to spec automation required loss of office master data.

Solution

• e-SPECS is designed to integrate with custom office masters, making the transition seamless.
• HMC was able to maintain their office masters while integrating with e-SPECS.
• Because e-SPECS is server based, HMC was able to analyze which sections were used most frequently to prioritize updates and edits.

Benefits

• 50% decrease in project manual creation time.
• Creating specifications based on Revit models enables HMC to automate edits and updates. Up to 60% of the specification can now be pre-built before any manual edits are required.
• Spec and BIM integration empowers the entire team to save time by sharing and automating updates.

“Being able to get input from the Revit Model, quickly filter through brackets, run reports, view track changes, and pre-edit the specs with the checklist editor makes this software unbelievable and farther ahead than the competition.”

Jeffrey Potter, Specifications Writer II at HMC Architects

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