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Optimizing Prefab Requests From the Field

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Inefficiencies in the construction industry are an acknowledged part of the process but as better technology is implemented, measuring this grey area becomes possible and companies can regain some of this lost profit. ManufactOn's Field Request system drives *unplanned work* back into the prefab shop and provides a method to track, quantify and categorize it, giving companies three new avenues for improvement: TQM/process Improvement, quantifying/monetizing field changes, and improved planning.

Challenges

TQM / Process Improvements

Email from the field has been the most common method to generate field requests, but the amount of traffic in email makes it likely that a request could be missed. Using the same amount of effort as writing an email, field staff can create a field request in ManufactOn and ensure that the right information gets into the right system and doesn't get lost in the email shuffle.

Quantifying / Monetizing Field Changes

Field requests often cover quick last-minute changes and don't get completely captured - so the costs are missed or undervalued as "the cost of doing business." With the ability to track each of the field changes you can also determine whether they are additional scope, a correction, or just part of the project. When a team can see the details associated with these changes they can also determine whether or not the cost can be allocated.

Improved Planning

Unplanned work is an uncomfortable reality most companies don't like to talk about, but everybody has it, and to different degrees. Look at it this way: if you're doing "well" and only have 10% unplanned work (our clients estimate it can be much higher), for every 10 projects through your shop there's a "stealth" project that goes through as well. How much capacity does your shop have, and are you figuring in this big chunk of unplanned work?

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ManufactOn's Field Request workflow allows you to finally quantify unplanned work and to identify its source. As field requests are created trends can be identified; are changes coming from a specific type of project, a particular foreman or a certain scope of work? With that data finally in hand you can make the proper adjustments to staffing, material ordering, fabrication workflows and deliveries to be more efficient and capture the lost revenue associated with these items.

1

One click creation of field orders to easily capture requests from the field
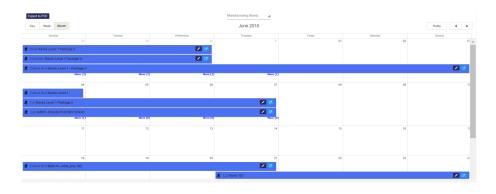

2

Complete trackability to enable organizations to quantify and monetize change

3

Powerful visualizations to take your planning to the next level

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Bringing the best of manufacturing to construction!