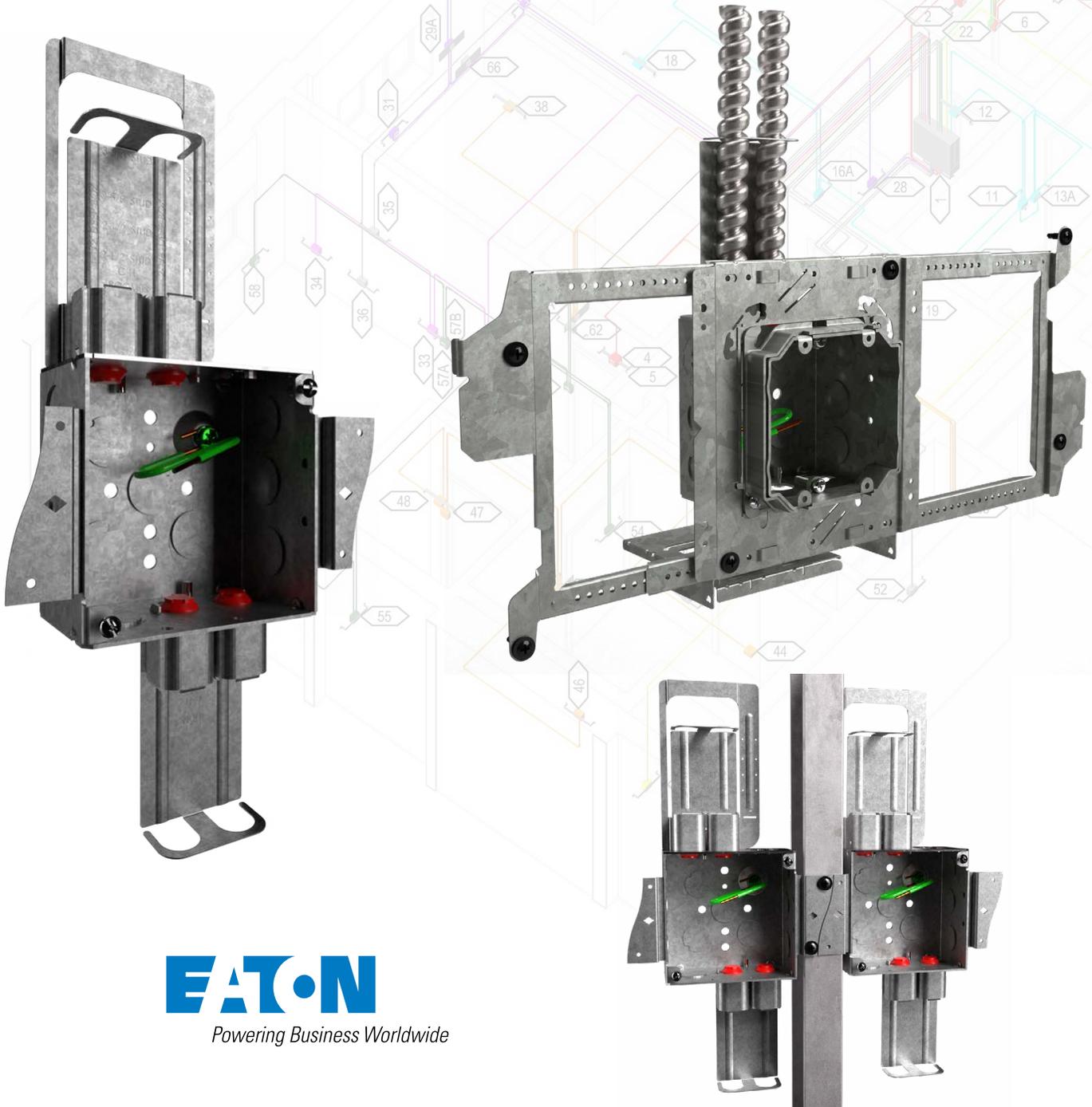


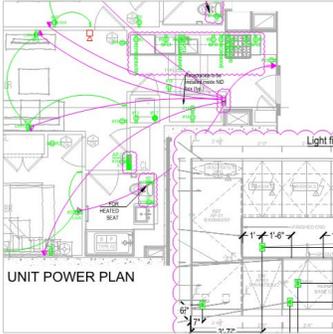
PRE-formance

contractor productivity solutions



Powering Business Worldwide

Industry challenges

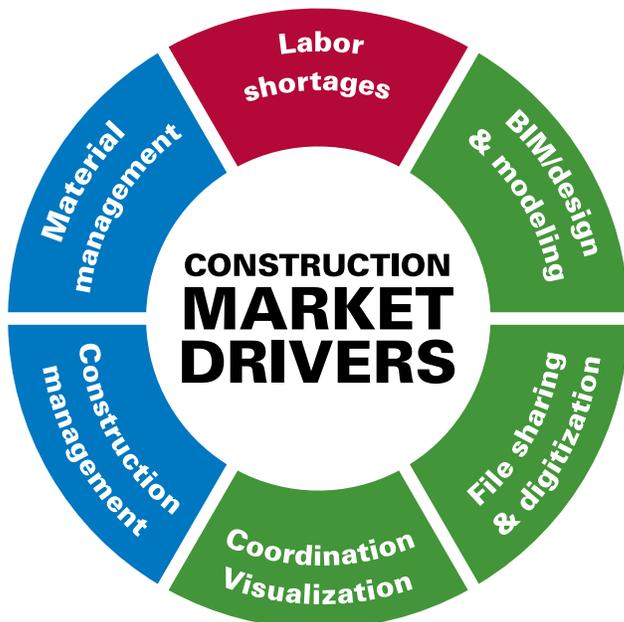


The number of electricians continues to contract while demand continues to grow.

Projects are becoming more complex and the schedules more demanding.

The expectations on the contractor are at an all-time high – building requirements, digital models, waste management, incredibly tight budgets.

Productivity challenges hit hardest at rough-in. Inefficient material management and slow installation when working in ceilings and walls is **costly**.
We need efficiency to get it done right and quickly.



Reduce material management.
Speed up installation.
Optimize skilled labor.

Electricians need to be installing! FAST!

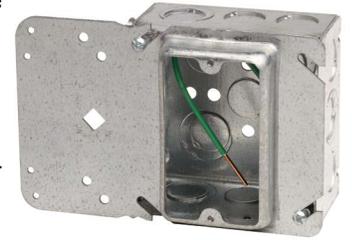
Improve your productivity and profitability with PRE-formance Crouse-Hinds series and B-Line series solutions

Crouse-Hinds series & B-Line series solutions



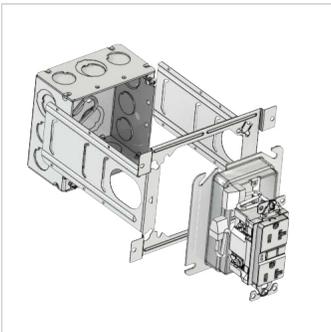
Optimize your pre-fab shop

- Pre-fabricate as much as you can in your shop to help eliminate on-site assembly, without burdening your team with more material management.
- Do the work locally that can't be done by the manufacturer – wire transformers, whip fixtures and pipe bends at your shop.
- **Work with a vendor that can provide rough-in assemblies and components to standardize your process and optimize your shop.**



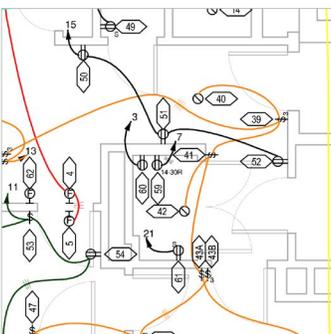
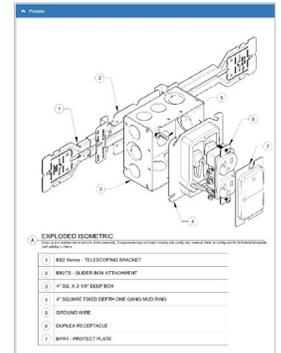
Standardize on basic assemblies

- Move to common brackets for direct stud and between stud mounting including boxes, mud rings and ground wire.
- Buy these assemblies from a trusted manufacturer that can scale with your projects and provide more advanced assemblies.
- Partner with a strong distributor who can deliver and stock your assemblies. Reduce material management costs and eliminate assembly for all your work.



Configured assemblies

- Configure your assemblies as far as possible depending upon the project type and schedule.
- Order assemblies with the devices installed and eliminate installation time required during trim out.
- Optimize labor usage and maximize installation speed. Pull trim out forward with installed devices – save time at the end of the project when you need it most.



Complete engineered to order solutions

- Use complete ETO solutions in highly repetitive projects like apartments, dormitories and hotels.
- Fully engineered and wired to your specifications, speeding up a consistent installation while optimizing your labor.
- First touch installation.



Standardize on basic assemblies

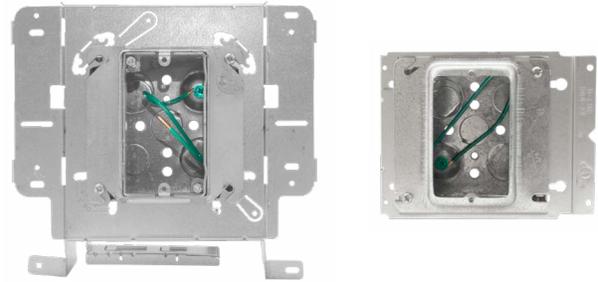
Standardize

Work with your foreman and project managers to standardize on a common assembly for day-to-day work and small projects.

Choose the configurations that you'll use repetitively. Standardize to make your installs more consistent across the team.



Eaton's Crouse-Hinds series boxes with pre-installed ground screw and pigtail provide a simple, readily available way to meet grounding and bonding requirements for metal boxes. Includes the 4" or 4-11/16" square box with 8" insulated solid ground wire with ground screw.



Single and double sided direct mount assemblies - all catalog numbers contain a single or double sided direct mount bracket (for 2-1/2" and 3-1/2" studs), 4" square steel box, mud ring, and 8" insulated solid ground wire with ground screw.



Telescoping bracket assemblies - all catalog numbers contain a 15-26" telescoping slider bracket, 4" square steel box, mud ring and 8" insulated solid ground wire with ground screw.

Maximize skilled labor

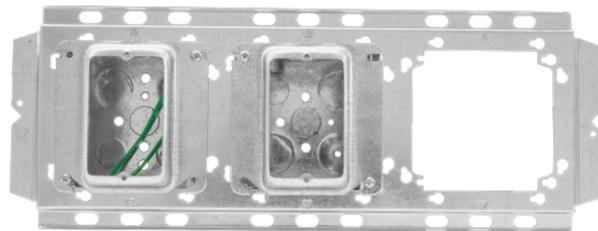
If you are assembling in the field, **you're wasting skilled labor.**

Stop having your electricians assemble on-site – the first time they touch a 4" box should be when they fasten it.

Order your boxes **assembled** with ground screws and pigtails, mud rings and mounting brackets.

If you own a pre-fab shop, have them work on more complicated tasks.

Keep your skilled electricians doing skilled work.



Multi-mount assemblies - 16 or 24" stud spanning multiple mount bracket. Each position can take a 4" square steel box, fixed or adjustable mud ring and 8" insulated solid ground wire with ground screw.

How you save

Basic assemblies arrive per your specifications

LESS
material
management
and on-site
assembly



The ultimate pre-fab solution

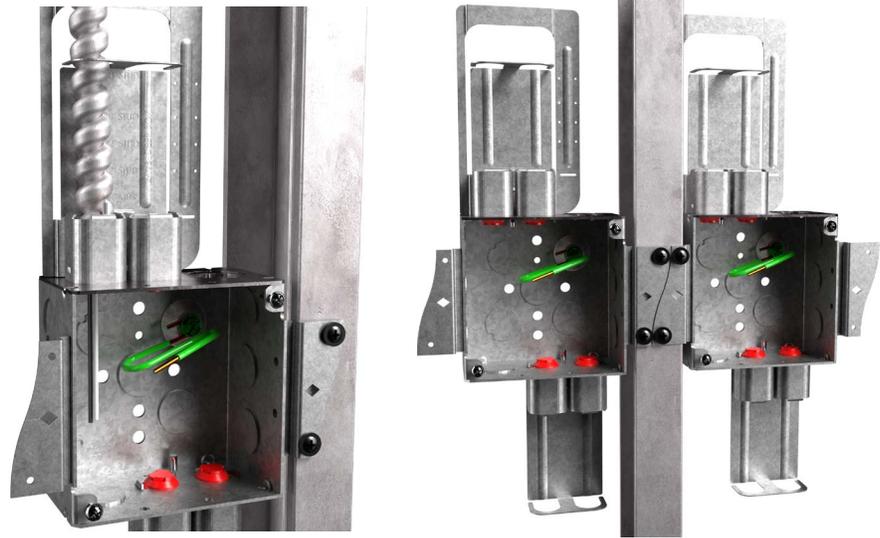
Quick-Lok box & telescoping open bracket

More space & options

- Large 44 cubic inch capacity for the entire 4-11/16" square offering
- 33.3 cubic inch capacity for entire 4" square offering
- Extra 1/2" and 3/4" eccentric knockouts available on select models
- Ground bump available on all models
- Pre-installed pigtail provided as an option on all models

Cable management & support

- Field installable cable management & backside support accessories
- Integral insulator and easily removable knockout plug use the BBA bracket for stud mounting or for between stud mounting with telescoping bracket BBT-HF

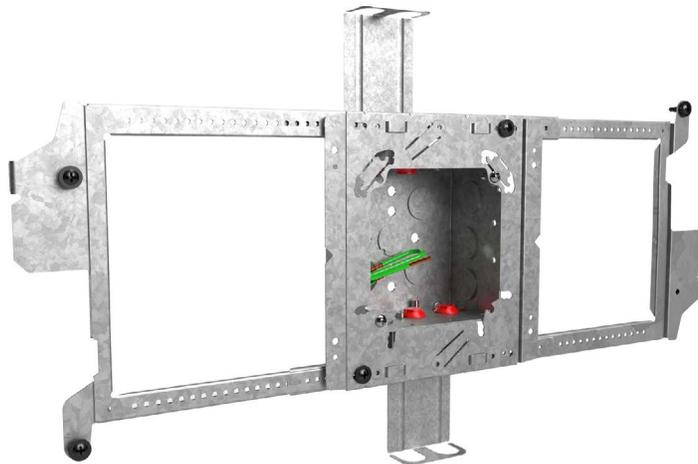


Pre-installed external connectors

- 4" square: (2) top only cable entries or (2) top & (2) bottom cable entry options
- 4-11/16" square: (2-4) top only cable entries or (2-4) top & (2-4) bottom cable entry options
- Extra 1/2" and 3/4" eccentric knockouts available on select models

Easy to mount

- S-curved shape allows 2 brackets interlocked and mounted side by side on same stud
- Available with single or double sided options
- Assemblies without flat face bracket can be installed in conjunction with B-Line series stud mounting brackets



Built-in height adjustment

- Assembly can be centered at 18" above floor height without additional measuring, meeting ADA requirements quickly

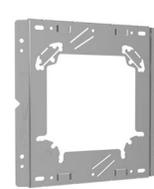
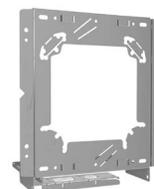
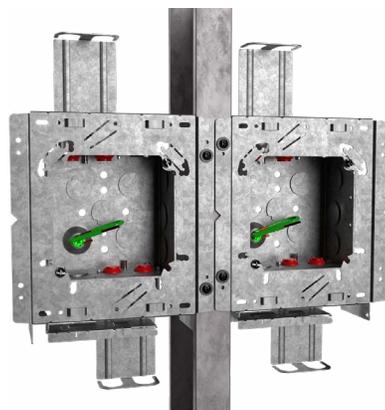


Quick installation

- Snap to stud feature frees a hand for installation
- Interlocking mounting allows for adjacent stud cavities

Flexibility

- BBT-HF bracket adjusts from 14.5" – 25" for various stud spacing scenarios
- Continuous hole pattern allows mounting of the box anywhere in the cavity
- BBA and BBA-4 allow for direct stud mounting when dimensions are not critical



BBA-4

BBA

Configured assemblies

When to use configured assemblies

Perfect use in EMT and flex applications. Universities, healthcare facilities, offices and mixed use buildings are all going to have highly repetitive assemblies... just in different locations.

Configure them all at take off. We can kit them by type, room or floor.



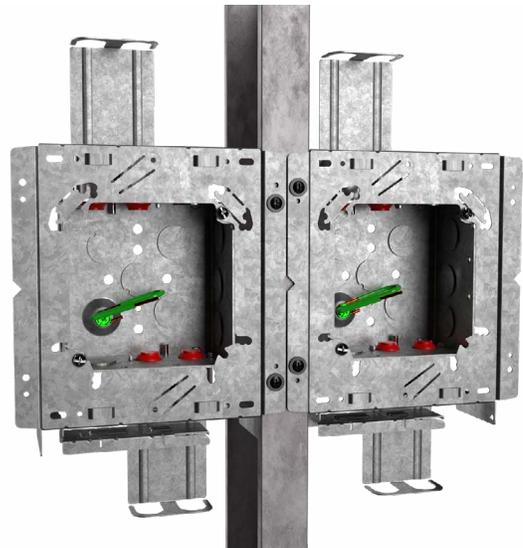
How you save

Configured assemblies with devices installed allow you to manage the MC and conduit on-site, avoiding collisions, but **getting out of the ceilings and walls faster** with less on-site labor, less material management and pulling trim out hours into the rough-in!

Your productivity will be up significantly and you can deploy your best labor to the next project!

You won't need to send your best installers back to trim out at the end of a project.

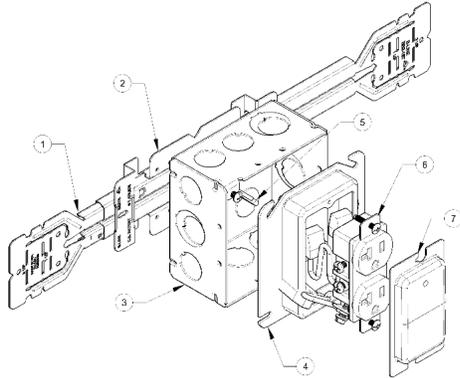
Start with your standard assembly – just configure more of it to be assembled so your team installs it the first time they touch it.



Configured (Made to Order)

Configured MTO assemblies greatly **reduce time in procurement, handling and overall speed of installation.**

Reduce quote and order lead times – enables specification of available product options to build error-free catalog numbers for quotes and orders. **A digital order that is faster and gets completed right!**



EXPLODED ISOMETRIC
Showing a perspective view of the assembly. Components may not match exactly with configuration material. Refer to configuration list of material for specific part catalog numbers.

1	BB2 Series - TELESCOPING BRACKET
2	BB2TS - SLIDER BOX ATTACHMENT
3	4" SQ. X 2-1/8" DEEP BOX
4	4" SQUARE FIXED DEPTH ONE GANG MUD RING
5	GROUND WIRE
6	DUPLEX RECEPTACLE
7	BPR1 - PROTECT PLATE



BIDMANAGER

Eaton's Pricing and Configuration Tool

Easily select your assemblies cafeteria style from Eaton's BIDMANAGER pricing and configuration tool.

Check it out in the contractor-built Field e Fex app.

Call your local distributor or Eaton sales representative to walk you through it.

Configured assemblies are ready to install the first time your electricians touch them.

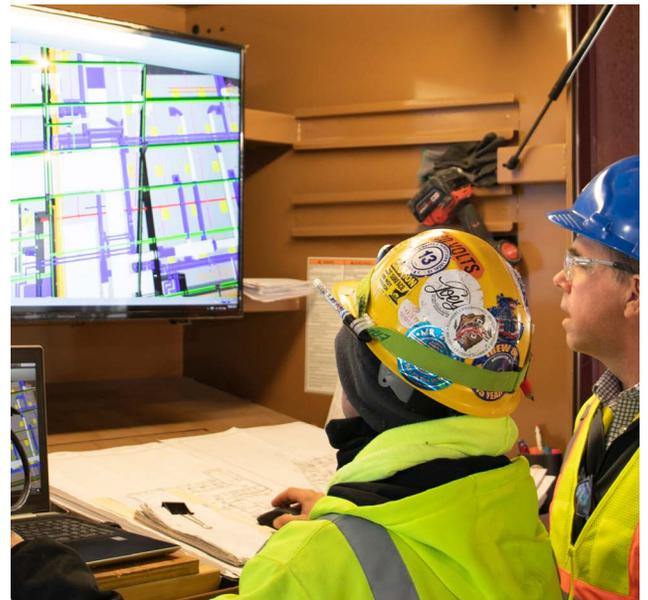
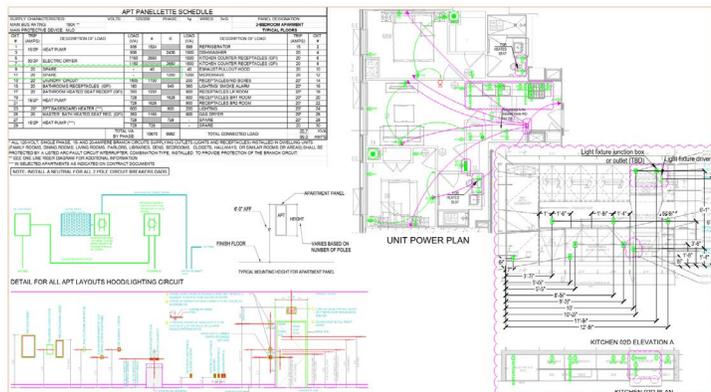
Less waste on-site. Less material to shuffle around and keep track of. Keep your electricians installing!



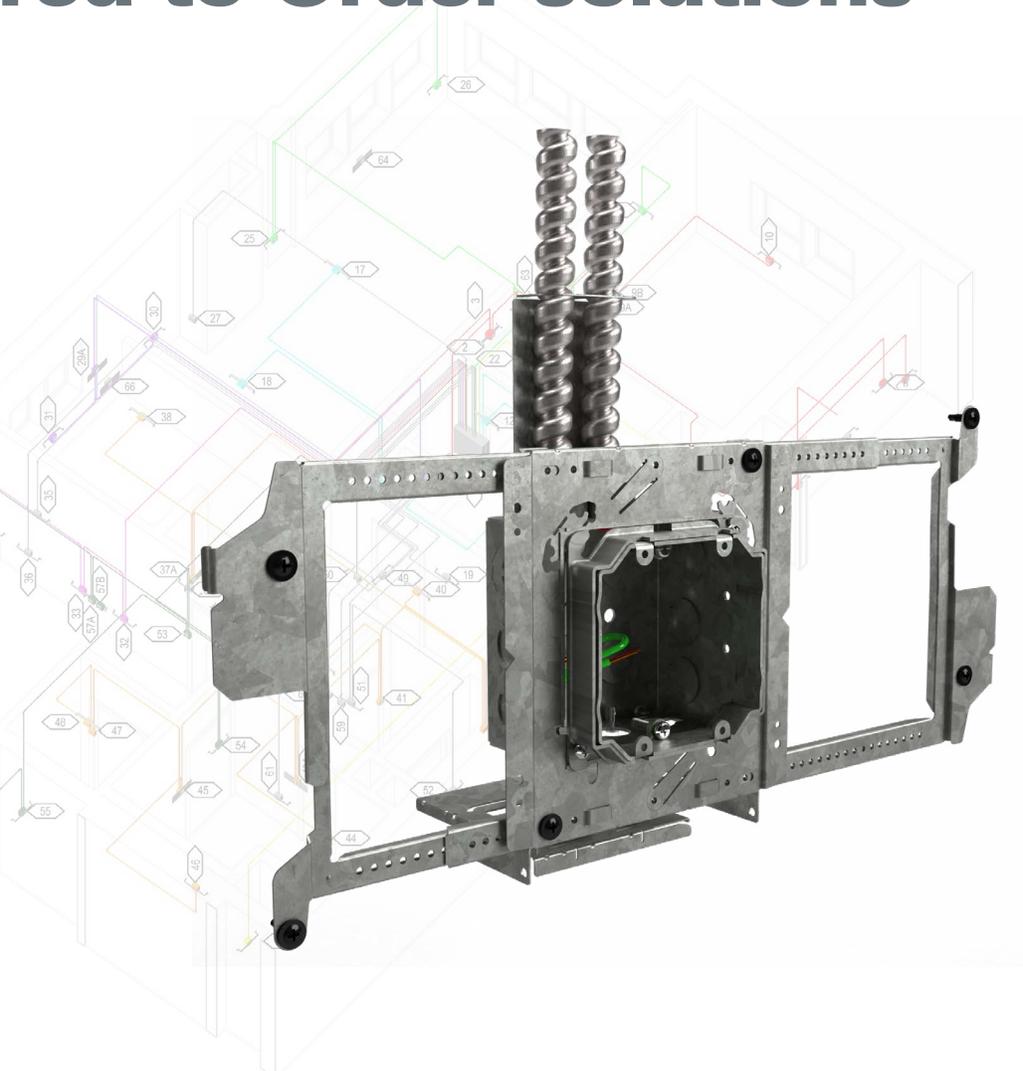
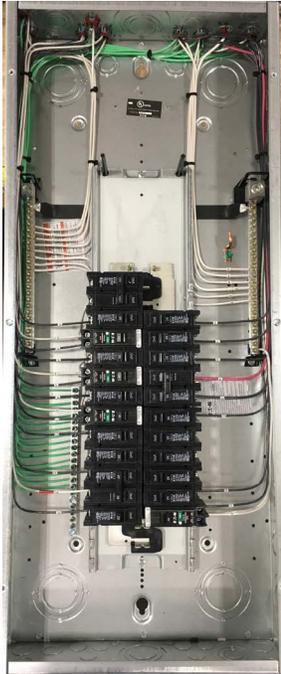
Configure assemblies for your next project!
eaton.com/chconfigure

Kitted assemblies by type, floor and room

We understand that things always change on large commercial projects – **changes that can come at you fast and are beyond your control.** Whatever the obstacle, we'll get you the assemblies you need to keep your electricians working on the big stuff.



Complete (ETO) Engineered to Order solutions



When to use complete assemblies

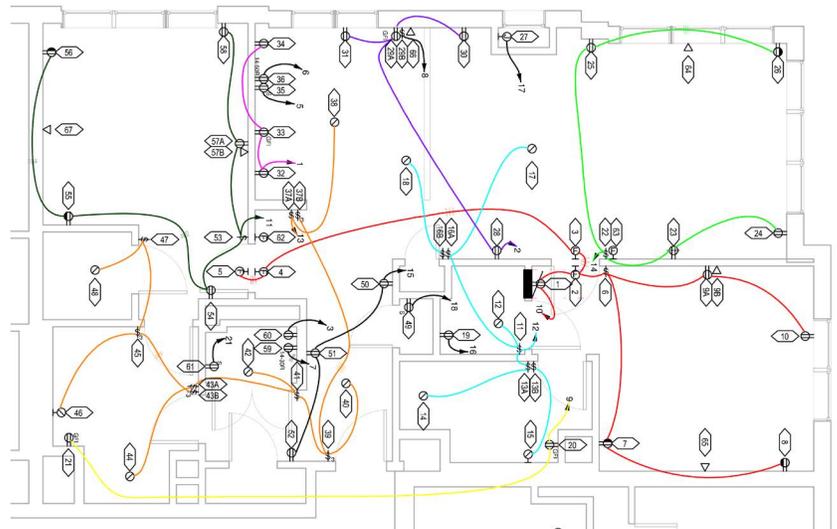
Complete solutions are used in commercial buildings with **highly repetitive installations** such as hotels, condominiums, dormitories, retail offices, hospitals and apartments.

How you save

Elimination of job site “engineering”, spot buying and excessive material handling

Reduction of material overages and scrap, including expensive wire and cable

Data shows at least **8 minutes saved by rough-in crews per installed assembly** on a typical hotel over traditional “stick-build” wiring methods for greatly improved job site efficiency

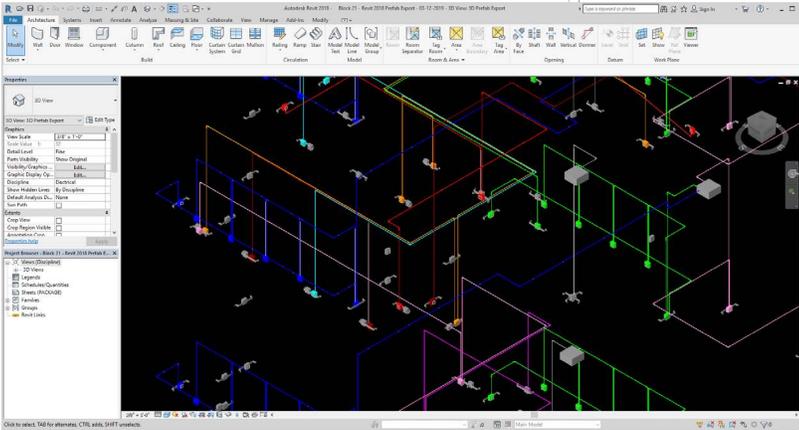
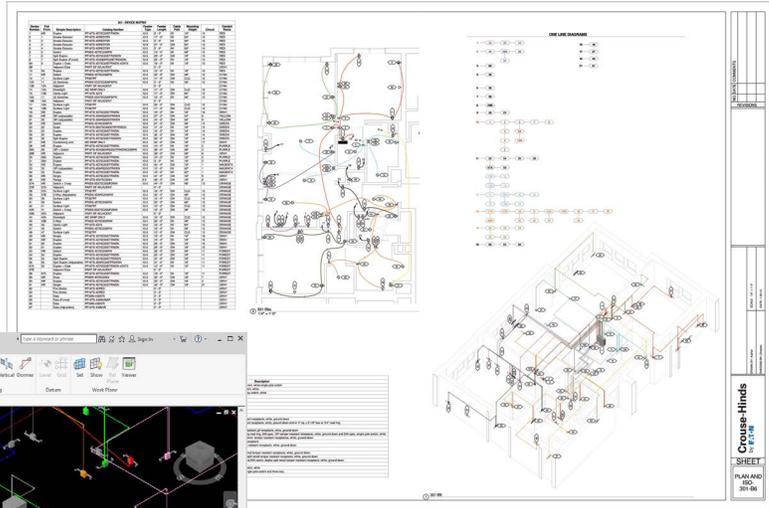


Engineered solutions

Crouse-Hinds engineering teams work with you to plan and design your next big project's exact requirements.

Dedicated project management, local sales and distribution support.

Labelled assemblies and detailed drawings make install faster and standardize repetitive work.



Digital integration

We can work with you to incorporate our data into your plans. Streamline job and material management with fully integrated electrical layouts from our design engineering team.

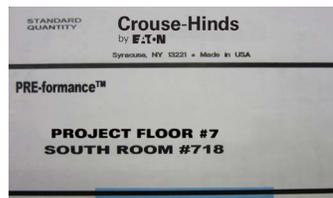
We'll work with your team & the tools you use.



Simplify material management and installation speed

Kitted assemblies by type, by floor and by room

Custom labeling and packaging simplifies material management and handling



Eliminate job site material "piles" and inefficient searching for pieces and parts at the job site



Crouse-Hinds series & B-Line series productivity solutions

INNOVATIVE products, services, resources & tools to increase productivity

Partner with Eaton for assemblies and components



Outlet boxes and covers factory, Eaton's Meadowlands, Pennsylvania



Pre-fab shop center of excellence in Meadowlands, PA. Satellite shops in Syracuse, NY and Pearland, TX



Our Eaton sales and service team, along with the best manufacturer reps and distributor partners, will help keep you productive.



Configure your assemblies

Go to eaton.com/chconfigure and configure your standard assemblies and provide you with shop drawings for your submittal package.



This is the first step toward better efficiency and sets you up for configuring custom MTO assemblies on your next project.



Move away from the old cardboard supply list. Simplify your ordering & material management.

Embrace technology for ordering supplies and eliminating transaction costs.

The next generation of journeymen will demand digital, which provides efficiency from selection to installation.



Configure assemblies for your next project!
eaton.com/chconfigure

Partner with our distributors



Distribution partners will stock your assemblies and components. Ideally, they eliminate your material management. When your electricians touch it, they are installing.

Get your team in and out of the ceilings and walls as fast as possible.

Standardize on assemblies.

Leverage technology to become more efficient in ordering.

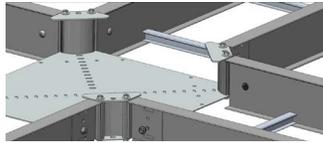
Configure assemblies as far as possible depending on project.

Partner with Eaton's Crouse-Hinds series and B-Line series solutions distributor.

Additional B-Line series labor savings solutions

KwickSplice cable tray

- I-beam splice retention groove feature
- Only two bolts required to secure splice place
- Maintains structural integrity and electrical grounding
- Up to 50% savings on hardware materials
- Universal fitting allows removal of side panels to create 90° horizontal bends, tees or crosses
- Rated for NEMA 12A and 12B (CSA class C-3m and D-3m) load classes



NEMA Type 1 Quick-connect wireway

- Quick-connect method up to 20% faster to install
- Multiple fittings to create bends, turns and to terminate ends
- Features mounting holes on the back; available with or without knockouts
- Connectors feature gate that swings completely open for lay-in of cable and wire
- Universal style connectors available to adapt to other manufacturer's wireway



Conduit trapeze support



- Up to 50% quicker install than traditional trapeze; up to 75% part reduction
- UL Listed for US and Canada; 500 lb. load rating with SF 3
- Plastic bushing (BCTB) available for three hole sizes
- Eliminates the need for conduit clamps at every support

Pre-assembled strut fittings



- Combine nuts and bolts into one fitting for faster installs
- Reduces the number of parts to handle / purchase
- Locking liquid applied – up to 5 ft./lbs. torque to loosen
- No protruding springs or tangles spring nuts
- Multiple options available: flat plate, cross and tee; 90 degree angle; angular fittings; clevis fittings and u-fittings.

Cut to length strut



- Saves upfront prep time and job site cutting
- No exposed edges, all cut-to-length strut is deburred before shipping
- No wasted strut lying around the shop or job site
- Ships pre-packaged and clearly labeled by cut lengths
- Multiple accessories available to complete your project

Productivity IQ solutions

Productivity IQ >> Work smarter, not harder...

For more productivity solutions, check out:

Eaton.com/Productivity-IQ

Solutions
Time saving design solutions

Tools
Software, drawings, videos and more

Productivity IQ site
Eaton.com/Productivity-IQ

Video education series
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