



Q. Should all electronic device part numbers be listed in both DIV08 and DIV28?

- A. No. Ideally the part numbers should be listed in DIV08 with a reference to DIV28 and then in the DIV28 there should be a description of the part with a reference to DIV08 for exact part number.

Q. What is the best course of action if the GC wants to have the hardware installer provide and install the electronic devices?

- A. As long as the hardware installer is qualified to install the product it does make sense in most cases to go that direction to ensure there are no warranty issues in the future. But going back to a word used many times today, coordination between the Hardware installer and the integrator is key to ensure a smooth install.

Q. As an integrator I have had customers in the past that wanted to use different electronic products than what were called out in the DIV08 specification. What is the best way to keep that from happening in the future?

- A. The best way is to work with either a Security Consultant like Bret, or someone that is qualified to have them put together a DIV28 specification or standards document so the customer can then make sure they hand that document out for every project to ensure their standards are being followed.

Q. What means do you use, to inform the Integrator that a door is ready for connection work?

- A. The best way for the overall project health and timeline would be to use a Collaboration tool like Allegion's Overtur™ so all Contractors have a visual to status of the drawings and which stage the project is in. If that type of tool is not being used the best way we have seen gain positive results is for the GC and Security Consultant to stay in contact with the Integrator, so they know exactly when devices have been mounted and ready for them to come in and complete their work.

Q. Why not reference a spec in DIV28 within the hardware set?

- A. Allegion believes it is best to do this in all our specifications. As the Hardware sets are being written and if they include electrified hardware, there will be notes saying provided by or coordinate with Division 28. Also, on each of those Hardware Sets that include electrified hardware there will be a door function note below the hardware set explaining how the door will function with card reader, electrified lock, etc. Reach out to your local Allegion office and we can share more information on that.

Q. One of the biggest issues besides coordination is Day 2. Who actually owns the door after the project is complete from a warranty issue? Will it be the DIV 8 contact or the DIV 28 security contact? In most cases the owner believes it's likely the security contact since it's a "security" door. What's your perspective on this?

- A. The provider of the hardware is accountable for the warranty period. For this reason, it is recommended that networked devices requiring commissioning and coordination with the physical access control software be provided by the Division 28 service provider. Alternatively, if networked hardware is provided by Division 8 that entity is accountable.

Q. When the GC is awarding the contracts after the bid, can the drawings specify which contractor covers which scope of work?

- A. Yes, the best way to accomplish this is to make sure as the Division 8 specifications are written they call out who is providing or coordinating the specific hardware. The other way is to ensure the Security Consultant is marking on the elevation drawings who is to provide and install which product on an opening. This way ensures it is covered from both angles.

Q. When a "specialist" is utilized, is an AIA document used and what numbered AIA document is used? Does the owner hire the "specialist"? Does AIA have a template or document as a guideline for specific specialists?

- A. The project delivery method most likely will determine who hires the "specialists." AIA offers a Consultant Agreement template, however to our knowledge there are not AIA guidelines for a specific specialist currently.

Q. Does Allegion have wiring diagrams that are provided to architects for projects?

- A. Allegion has general elevation drawings available for solution configurations and the ability to provide more detailed point-to-point wiring diagrams upon request. Please contact your local Allegion consultant or contact us [via this link](#) for more details.

Q. From your perspective, would it be valuable for a PACS partner to be a part of an Overtur project?

- A. The Physical Access Control Software (PACS) provider can be a valuable provider of information and system design consideration in a project. Including them as a collaborator in the Overtur project can assist in design and collaboration of the Access Control System across parties.

Q. What is being done to better specify power supply quantity and locations in specifications by architects? 80 doors with 80 power supplies because sets indicate that and DIV8 just bids what is specified and at the end of the project there is room with 40 extra power supplies that the customer paid for because 28 had a better consolidation of power and control plan. Problem also becomes sometimes 28 had a better consolidation of power and control plan. Problem also becomes sometimes the 28 provider isn't selected until after DIV8 is already specified and bid.

- A. So, this answer will be two parts. The first part is that Allegion is making an effort in every Division 8 specification that is written to make a note beside the power supply to either coordinate with or provided by Division 28, this has seemed to bring some success in not having the devices doubled up in the project. The second part of the answer is this, going back to the discussion today, collaboration between parties is critical! We at Allegion do our part to try to help with that collaboration as well. As the specification is written, we will reach out to Security Consultants and Architects to try to help coordinate what Access Control system is going in the project. If we know who the Integrator is we will also reach out and make sure they are aware of the project and let them know what hardware is being written so they can take control of it and help to ensure the right power supplies are being used.

Q. What is the best way to approach an architect with DIV8 and DIV28 product recommendations (before a bid happens)?

- A. We recommend scheduling a coordination meeting during the Design phase. Participants should include the Hardware Consultant, Architect, Security Consultant, Electrical Engineer, and potentially the General Contractor if selected based on the delivery method. The goal of this meeting is to identify and review access controlled openings, as well as other openings that may require coordination with Electrical and Security trades.

Q. How have you had success with coordinating who supplies the power supplies and how many are supplied?

- A. As we answered above, the best way we have found is to make sure the power supplies are noted to either be provided by or coordinate with Division 28 in the Hardware Sets of the Division 8 Specification.

Q. As a security system designer I find the hardware schedule comes to us late in the game. Who is responsible for creating and distributing the hardware schedule?

- A. The Architect is responsible for distributing the hardware schedule. Ideally, the hardware schedule is created in coordination with all appropriate trades including the Electrical Engineer, Security Consultant and Door Hardware Consultant. We recommend utilizing Overtur as a collaboration environment, which would provide visibility of the door hardware to any collaborators on the project. Overtur can also generate a report of all Electrified Hardware as a beneficial tool for coordination.

Q. At what point during the design process should the hardware spec consultant and security consultant begin communicating with one another?

- A. We at Allegion do our best to get in touch with the Security Consultant as early in the process as possible. As our specification writers are working on a project, if we can obtain the name of the Security Consultant for the project, we will reach out and

make sure the hardware that we are specifying matches what the client is wanting and meets the technology requirements they are looking for.

Q. We are typically involved to install hardware on large projects. If we wanted to get software to create drawings do you have a recommendation for a particular software that you like to use?

- A. Allegion has an open and agnostic approach to design tools utilized within the industry. Individual needs and requirements may differ and should guide the selection of software. While Overtur has a direct connection to Autodesk® Revit®, Overtur will accept PDFs generated from any drawing software.

Q. What steps do you take to make sure you pinpoint accuracy in specs and avoid change orders?

- A. We at Allegion do our very best as we begin to put the specification together, to work with all project stakeholders. Most of the time we are working hand-in-hand with the Architect to follow the design they are putting together. We also have an End User team that calls directly on customers so we may already have that Customers Standards in our system, which we would then follow. In addition, we identify the Security Consultants and Integrators on each project to ensure the electronic hardware present in the specification will work as desired with the Access Control System that is being installed.

Q. I find that project specifications are not edited for the project. Most people ignore the specification because the information may or may not be accurate. How do you know who should review the specification sections and make the corrections? Confirming who the cross door low voltage wire is critical.

- A. This question highlights the importance of collaboration with attention to detail. The Design team is accountable for the Door Hardware Schedule and accompanying specifications.

Q. Can you suggest how we can encourage architects to encourage contractors to use Overtur?

- A. Training and awareness – please contact your local Allegion Architectural or General Contractor Consultants for resources.

Q. Please comment on the importance of a “description of operation” for typical or individual openings with electrified hardware. Where do you list those, on the hardware heading? Also, could you please comment on how important it is to ensure the owner understands how each and every opening operates?

- A. As best practice the “Description of Operation” is listed both within the specification as a note to the hardware set and in the drawing. It is very important for the Owner to understand the operation of each opening, which is why we highly encourage a Coordination Meeting during the Design phase to ensure alignment.