

Genea's platform is hardware agnostic, meaning it can work with a wide variety of mechanical setups:

CENTRAL PLANTS

CHILLERS/PONY CHILLERS

HEAT PUMPS

ISOLATION DAMPERS

DIRECT DIGITAL CONTROL

BOILERS

COOLING TOWERS

FANS ONLY

PACKAGE UNITS

PNEUMATIC ZONES

CONDENSED WATER

VARIABLE AIR VOLUME (VAV) BOXES

If you have a question or a mechanical set up not mentioned here, [contact us](#) to schedule a technical call with our engineers.

Overtime HVAC and Different Mechanical Systems

Genea simply works alongside existing equipment schedules, controlling systems via the BMS. So if the BMS has a schedule to turn on a system, then Genea will have a point to turn on that system.

HOW DOES GENEAL HANDLE MINIMUM LOAD?

Genea will activate as many points as part of a request to satisfy minimum load requirements. Our team works with the engineering team during implementation to ensure we understand the mechanical systems.

HOW DOES GENEAL HANDLE MINIMUM RUN TIME?

Genea can be set up so that once a request is made, it cannot be canceled within a minimum time period.

HOW DOES GENEAL ENSURE THAT A FAN OR OTHER EQUIPMENT WON'T TURN ON WHILE BEING SERVICED?

Genea's software will follow the protocols in the BMS system to ensure everyone is safe, including lock-out-tag-out procedures when equipment is being worked on. The Genea system can place a notice in the user interface when equipment is going to be down for maintenance, so users know they can't get service during that time.

HOW GRANULAR OF CONTROL DOES GENEAL HAVE ON MY EQUIPMENT?

Genea's control is as granular as your mechanical and BMS systems. If the BMS controls at the VAV level, so can Genea, but we also look at the minimum load requirement.

HOW DOES GENEAL HELP ME SAVE ENERGY AND MONEY ON MY EQUIPMENT?

Every minute you're running equipment when it doesn't need to be run, you're wasting energy and shortening the life of your equipment. Our Overtime HVAC platform allows equipment to run only when needed, for exactly when it's needed to fulfill the request.

WHAT IF NOT ALL OF MY EQUIPMENT IS CONTROLLED BY MY BMS/WHAT IF MY EQUIPMENT REQUIRES MANUAL ADJUSTMENTS TO FULFILL REQUESTS?

If your system requires manual adjustments, Genea can still be valuable. The Genea platform provides an easy way for tenants to submit and review requests. The Building Engineer will receive an email when the request is submitted, so the manual adjustments can be made. In the meantime, Genea can work through the BMS to turn on the fans in the appropriate area, so the tenant feels their request is being fulfilled.

WHAT HAPPENS IF A REQUEST FAILS?

The Genea software monitors building equipment around the clock and our US-based support team is available 24/7 via phone or email. If a request doesn't go through appropriately, our team is notified and will troubleshoot the issue, notifying the building team if there's an issue with the building or equipment.