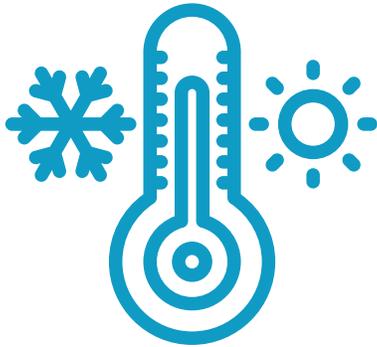




Hank

A JLL company

WHAT IS VIRTUAL ENGINEERING? AND HOW CAN IT HELP HUMAN ENGINEERS?



Today, 40% of global carbon emissions are generated by buildings. And since the pandemic began, we've seen increased demand for healthy, more resilient buildings, which has accelerated sustainability efforts tied to air quality, tenant experiences, flexible office spaces, and more.

These added pressures certainly haven't made your job as an engineer any easier. Enter Hank, an AI-powered virtual engineering platform for commercial buildings. Hank can optimize your building's HVAC system autonomously and remotely using machine learning and AI, delivering better comfort, air quality, and energy savings.

WHAT IS A VIRTUAL ENGINEER?

A virtual engineer is a remote support tool. It can help with everything from answering tenant-generated work orders to adjusting space temperature – even working directly with an HVAC contractor to troubleshoot a hardware failure.

WHY WOULD I NEED A VIRTUAL ENGINEER?

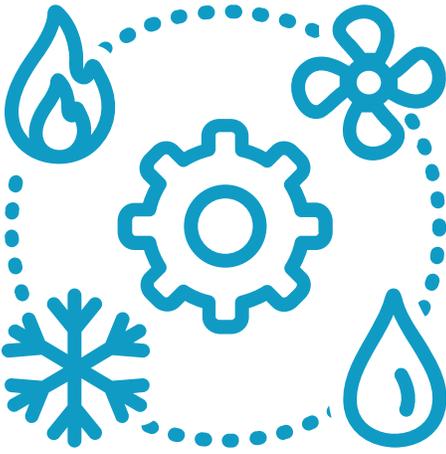
HVAC management is an important piece of your day-to-day job – but there are a thousand other things on your plate when you're managing buildings full time. Our goal is to help reduce your workload when it comes to HVAC management so that you can focus on other important projects and tenant needs.

DO VIRTUAL ENGINEERS REPLACE HUMAN ENGINEERS?

Absolutely not! Our No. 1 goal is to support you, not to take over your job. As your virtual engineer, we're always going to be 100% remote. We're not onsite fixing the hardware failures. We're not onsite communicating with tenants and building those relationships. And we're not managing any of your vendors. Those are all valuable and critical aspects you bring to your job – and we can't do that!

What we can do as your virtual engineer is help you with the HVAC management component of your job to free up some of your time. When you're not bogged down with managing the tedious process of answering tenant-generated work orders to adjusting space temperature, you can focus on the tasks that count.





HOW DOES A VIRTUAL ENGINEER HELP ME DO MY JOB BETTER?

Not everything needs to be completed manually now. It all starts with an artificial intelligence (AI) platform which optimizes energy efficiency, Indoor Air Quality (IAQ), maintenance costs, and tenant comfort. Now you're able to respond to tenant requests quickly and close out work orders faster.

WHY WOULD I NEED TO WORRY ABOUT INDOOR AIR QUALITY?

Some buildings are under ventilated, putting tenants at risk due to poor air quality. And more and more mandates regarding improving IAQ continue to be announced. So, if ownership isn't asking about IAQ now, they will be soon.

As tenants head back to the office, they're going to want to know you're doing all you can to keep them safe. Your virtual engineer tool's algorithms ensure maximum IAQ that meets CDC and ASHRAE standards. It also has a reporting feature that empowers you to show the results.

IS IT COMPLICATED? I DON'T HAVE TIME TO LEARN A NEW SYSTEM.

It's not complicated – and no additional equipment needs to be installed! Remember, our No. 1 goal is to make your life easier so you can make your property manager and tenants happy. That's why we developed the first tool to take more off your plate, not add more to it. All in, training takes about an hour. And if you don't have that time to spare, you can count on your virtual engineer support system to put in requests for you. We're also always one phone call away. If you ever have a question, support is immediate. And that includes questions about BMS.



HOW WOULD I GO ABOUT PARTNERING WITH MY VIRTUAL ENGINEER?

Check out Hank at **Booth 110** at the **JLL Engineering Services Conference**.

Or reach out to us online at buildingengines.com/campaign/hank-for-cre