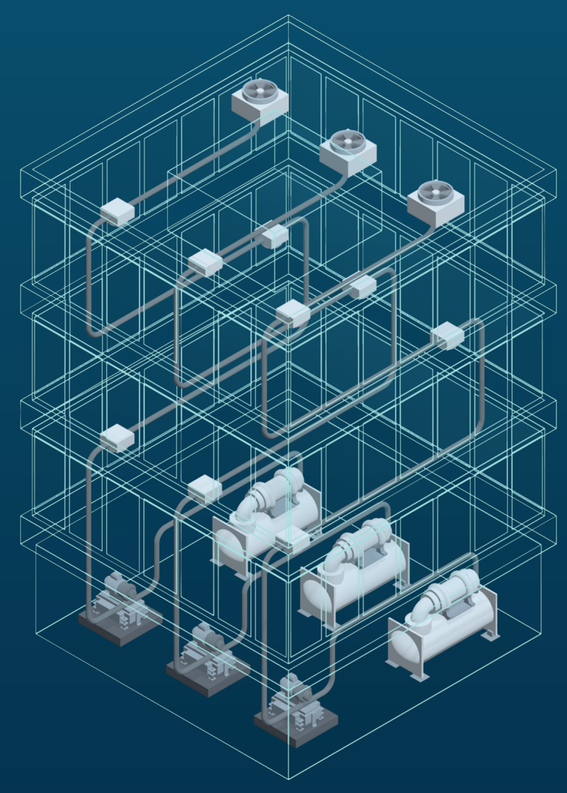
Overcome operational shortcomings to achieve your business goals

SIEMENS

HVAC systems run inefficiently

70%

The annual amount of energy HVAC systems typically consume in a building.



In many facilities, more than

50%

of annual electricity use can be attributed to building chillers alone.

A poorly maintained chiller uses about

30%

more energy than necessary on an annual basis to achieve the same comfort settings.

Annually, that amounts

to 1,000s of dollars every business spends on energy that could be used to drive the business forward.

Inefficient operations have wide-ranging effects

Excessive energy consumption can be caused by:

- Excessive chiller life
- Chilled water flow bypass
- Constant volume pumping
- Static pressure reset strategies
- Aging equipment
- Deferred maintenance

Many buildings' cooling systems:

5%

of the time just run at design intent conditions

- Sacrifice occupant comfort
- Sacrifice production to obtain energy efficiency goals
- Overdrive operations to achieve temperature and humidity requirements

HVAC system optimization is a smart solution

Optimizing chilled water and air distribution system operations is an effective, long-term solution that may avoid significant capital outlay.

Studies show that optimizing comfort systems to achieve optimum indoor conditions helps improve occupants' productivity by as much as **1,000s of dollars** annually.

Demand Flow® from Siemens provides a holistic approach to optimizing both your chilled water and air distribution systems – all without sacrificing savings or building comfort.

Demand Flow® often pays for itself in about three years, and annual energy savings of up to **40 %** are immediately achievable.