



Asset Performance Advisor (APA)

Make a positive and lasting impact on the environment
and your business success with data-based services
for your HVAC plants

Your challenges drive us to find effective solutions through innovation and shared responsibility. We focus on digitization, partnership-based collaboration and targeted communication.



With our Asset Performance Advisor service, we analyze your building's operating data and find any anomalies in the operation of your systems. Thanks to the in-depth expertise of our HVAC and energy experts, we know exactly how to help you find solutions. We will, quite literally, find the "needle in the haystack" for you.



The APA service focuses on optimized plant operation and significantly increases user comfort, employee productivity, plant availability and operational safety.



You can leverage the results of the APA service to make decisions and implement measures. To this end, we develop improvement recommendations and prioritize them based on a cost-benefit assessment or their impact on critical equipment.

SIEMENS

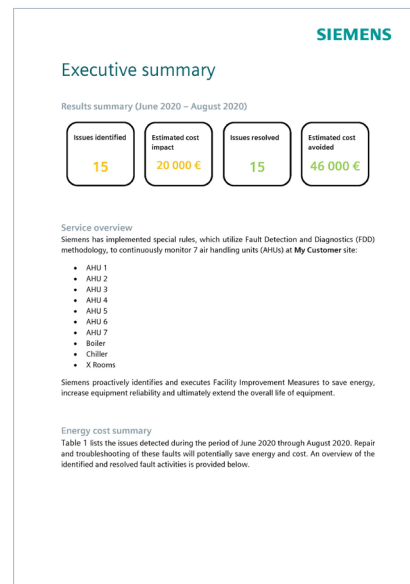
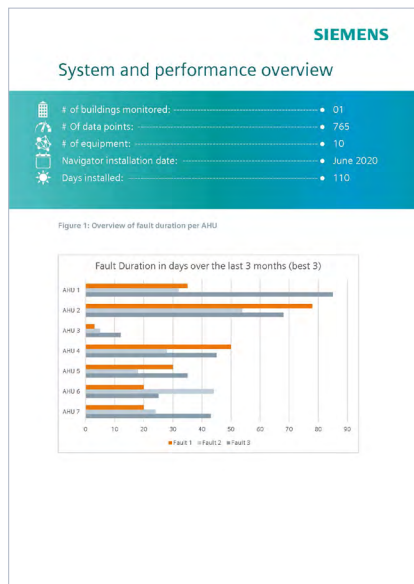
Systems analyzed by Asset Performance Advisor

Asset Performance Advisor specifically targets the most energy-intensive equipment (e.g., ventilation, cooling) which has a noticeable impact on overall energy consumption. The service identifies deviations which, when eliminated, yield substantial savings.

	Generation			Storage	Distribution		Transfer
	Base	Heating	Cooling	Water	Water	Air	Room
System	Monoblock Fan coil	Local generation Local heating District heating	Local generation Local cooling District cooling	Warm water Hot water Domestic hot water	Heating Cooling Domestic hot water	Ventilation	Individual room Large spaces Areas / zones Special use (e.g. kitchens)
Component	Fan Heating register Cooling register Heat recovery Humidification Filter	Boiler Heat pump CHP plant Domestic hot water Heat exchanger Primary pump Valve	Chiller ▪ Compression ▪ Absorption Geothermal source Heat exchanger Recooling tower ▪ Dry/wet	Pump Valve Storage	Pump Valve	Dampers Volume flow controller VAV box	VAV box Static cooling surface Static heating surface
Supported functions	Demand-controlled Operating times Air volume Amount of fresh air Air quality Heating Cooling Humidification	Demand-controlled Operating times Temperature level Mass flow Wiring	Demand-controlled Operating times Temperature level Pressure levels Mass flow Wiring Free cooling Geo cooling	Demand-controlled Operating times Temperature level Legionella prevention Circulation	Demand-controlled Operating times Temperature level Wiring Mass flow	Demand-controlled Operating times Temperature level Wiring Air volume	Demand-controlled Operating times Room temperature Room air humidity Room air quality Heating Cooling Air volume Mass flow

Prerequisite: Connected equipment has all the necessary data points for the control functions

Performance report for consulting on potential savings



With our unique blend of people, technology and services, we provide you with a solid foundation to keep your HVAC system up to date and make continuous improvements based on relevant data. Contact us for more information – our consultants are there to help.