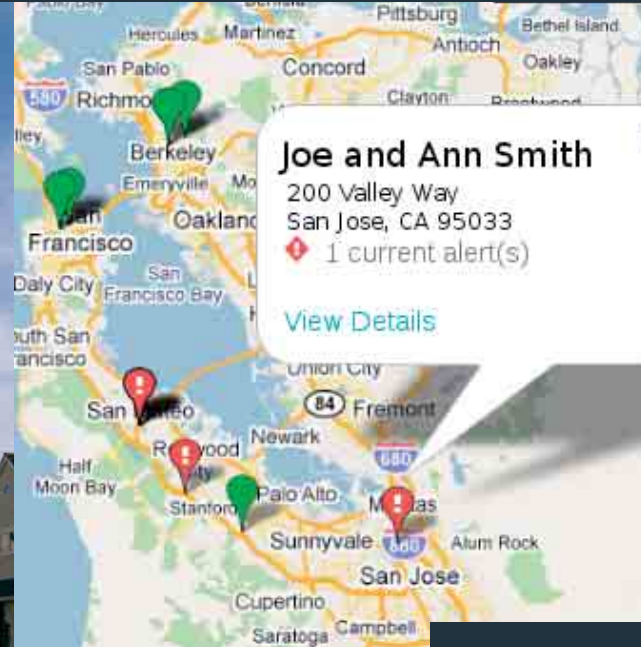


Schüco Remote Monitoring

Efficiently Manage and Service Your Install Base



Schüco has partnered with SunReports to provide installers with a system management tool that will help them manage their solar thermal install base and provide optimum level of system performance and customer satisfaction.

The Apollo1 Web-based solution provides remote performance monitoring, trouble shooting tools and alarm notification.

A solution which ensures that customers' investments are performing optimally at all times and receiving best in class service.

Features:

- Web-based reporting
- 5 year subscription service
- Access to data from any web-enabled device at any time (smart phone, computer, IP-TV, web-frame)
- System status at-a-glance view
- Critical data collection
- Alarming capabilities lets you know about issues
- Compare historical vs. actual
- Data is securely stored in 100% renewable energy data center
- Plug and Play ZERO Configuration setup
- PV Compatible

Installer Benefits:

- Generate more service calls
- Differentiate over other installers
- Up sell to existing customers
- Trouble shoot system faster & accurately remotely - saving time
- No WiFi router expertise required
- Install base mapping for system status at a glance
- Pro-Activeness can generate up sell opportunities, references and leads
- Real time performance visibility
- Faster service response time
- No need to be onsite to know if system is performing correctly
- Protects investment by ensuring system is creating energy and saving utility costs

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Technical Data

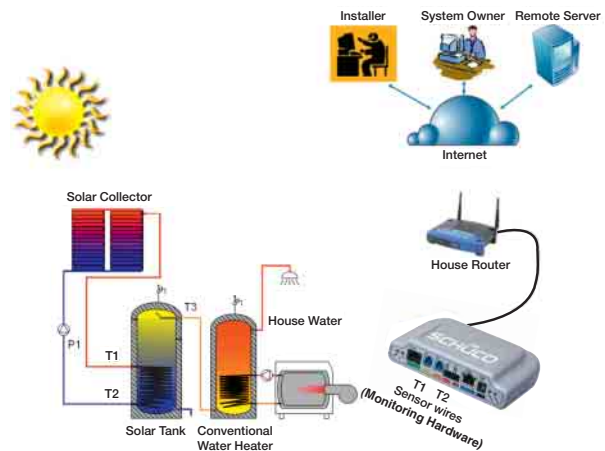
Mechanical data	
Dimensions in inches	5.5 x 4 x 1.4
Weight/shipping	1.8 lbs
Power	5V DC, 1A
Power adapter input	100-240VAC 50/60Hz
Features	
Certifications	FCC-15 class B
	UL 94-5VA (housing)
	CE mark
	RoHS
Hardware included	
Monitoring sensor / collector hardware	Apollo1
Ethernet cable	14'
Inverter cable*	14'
A/C load input cable - CT1 pump	5'
A/C load input cable - CT2 reheat coil	5'
3 Solar thermal temp sensors (+/- 0,5% accuracy)	6'
A/C adapter	6'
Environmental	
Operating temperature	32-122F
Optional	
Line carrier (PLC) network bridge	4'
Pressure switch cable	4'
Hosted service features	
Initial subscription service	5yrs
System owner log in	Yes
Installer log in	Yes
Data storage history	Lifetime
Configurable parameter email alerts	Yes
Graphed and table data	Yes
Data update frequency	5 min

* For PV use, the inverter box requires a communication card.
Auto detection of inverter type and data structure.

Schüco USA L.P.
www.schuco-usa.com

Registration Process:

Installer setups a company account on "http://www.sunreports.com/".
Within 24hrs an email is sent to installer verifying readiness of account.
During unit installation at customer site, if unit can see server the "Internet LED" will be solid green, else setup has an issue.
Installer goes to his SunReports account and select "Add a Customer" and enters serial#, and customer information.
If installer wants customer to have access, they will select "Send Email to Customer" to allow them to sign in and view their own data.



How it works

As the Schüco Solar Thermal System operates during the day, the monitoring system collects critical system parameters and sends to a remote server via the web. Any parameter that is out of spec triggers an email alert to the installer for immediate attention and to ensure optimal uptime and performance. The system owner and installer can log in from any web browser at anytime and review system performance charts and tables.

