



SYNERGY OF THINGS

Synergy of Things is built to support your collaboration investment across: Calendars / Meeting Rooms / Video Conferencing, to make meetings efficient with zero user training and efficient admin tools.

It will keep the user experience the same for scheduling and starting meetings no matter if you change UC vendor or are migrating to / from cloud.

At the end of the day, the user experience and adoption is the best way to measure the triumph of your choice of technology. SoT will not introduce new tools or procedures to the user, it will simplify the workflow with your existing tools.

WHAT DOES IT DO?

Synergy of Things is a software solution by Synergy SKY that leverages data from sensors, behaviour and your calendar to make all meetings more efficient.

Through the intelligent integration of Synergy of Things, the outcome is an innovative and intuitive way to handle all meetings; - in-person, audio, video or web.

We make use of the smart sensors in Cisco videoconferencing (Webex Room Series) and third-party IoT sensors for all other meeting rooms to achieve smarter utilization of meeting resources

WHY IS IT IMPORTANT?

Improve meeting room and resource utilization by understanding the actual usage measured with sensors. Remove the guessing game around room capacity and resource utilization – get facts. Enable users to manage all meetings in their Outlook / Google Calendar. Even “complex” video conferencing meetings, both internal and external, gets easy to plan and execute. Put administrators in control of all meetings across platforms and networks, with tools to prepare, control and report on your organizations meeting and conference investments

WHO IS IT FOR?

For organizations who have invested in facilities and collaboration tools, and want to make meetings and resources more efficient.

COMBINING DATA FROM SENSORS, BEHAVIOUR AND YOUR CALENDAR IS WHAT WE CALL SYNERGY OF THINGS

COMPONENTS

- Synergy JOIN, Synergy CONTROL and Synergy ANALYZE – deployed either: On-prem, Azure, AWS or GCP
- 0365, Exchange, G-Suite

KEY BENEFITS

- Simplify Complex Scheduling Workflows
- OBTP/Click to Join for Polycom and Cisco Endpoints. Auto-dial out to other H.323 / SIP
- No-show detection
- Automatic release of unused rooms (if desired)
- Reports showing trends, peaks, patterns for analytics and deeper insight

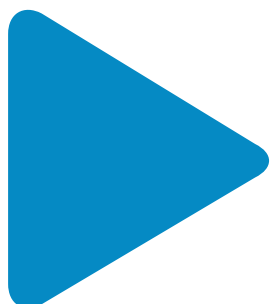
SUPPORTED TECHNOLOGIES

- Cisco CMS
- Cisco Webex
- Microsoft Teams
- Zoom
- Pexip Infinity

And more...

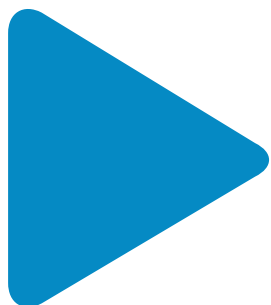
TAKING CARE OF EVERY STEP OF YOUR MEETING CYCLE

BEFORE



Schedule or forward invitation to meeting room or endpoint
One-click-to-join any internal or external meeting, from anywhere

DURING



Automatic no-show detection or check-in function
Empty rooms released either by organizer or automatically
Dashboard for monitoring and controlling virtual meetings
End of meeting warning

AFTER



Analyze overall meeting trends and meeting room cost efficiency
Analyze virtual meeting tools usage, trends and ROI

DEPLOYMENT

By using Synergy JOIN, CONTROL and ANALYZE together, organizations can now harness the power of their calendaring system to optimize their meeting room facilities using endpoints and in-room sensors.

Supports O365, Exchange and G-Suite.

Synergy of Things optimizes resource utilization by better understanding scheduling behavior, booking patterns and meeting attendance.

SELF-HOSTED

Unique self-hosted deployment model.

Implement as an on-premises solution or in a private cloud, the choice is yours.

PLATFORMS SUPPORTED

Synergy of Things can be integrated into workflows using Skype4B , Microsoft Teams, WebEx, Webex Teams, Cisco CMS, Pexip, Google Hangouts, BlueJeans, Zoom, StarLeaf and other boutique VMR providers

QUICK INSTALLATION

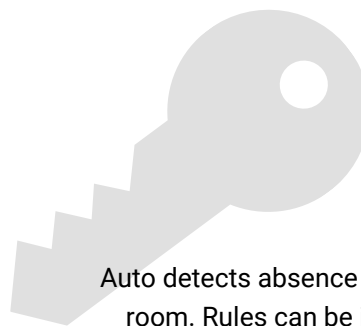
Virtualized environment friendly for easy installation. Each sub-system is distinct thus providing you with the flexibility to tailor the deployment to what best suits your organization's needs. Single click upgrade functionality allows for worry free maintenance.

TIME-ZONE AWARE

Adapts easily to global deployments with multiple time-zones.

DOCUMENTATION

https://support.synergysky.com/sot/info/whatis_sot.htm



KEY FEATURES

NO-SHOW DETECTION

Auto detects absence or presence in a scheduled room. Rules can be implemented to make logic actions like; release of room or check-in of people. The virtual meeting (VMR) remains untouched if room gets released

NO-SHOW PRE-WARNING

The Synergy of Things technology can be used to send pre-warnings to administrators and/or a meeting organizer if there is no one in the room at meeting start time.

AUTOMATIC RELEASE OF NO-SHOW ROOMS

The Synergy of Things technology can be used to automatically cancel room reservations in your O365, Exchange or G-suite calendaring system.

BOOKING AND UTILIZATION REPORTS

Synergy of Things leverages endpoint and sensor information to deliver analytics on usage and resource utilization.

Collecting data from bookings versus actual usage, the Synergy of Things platform gives insight into meeting trends and space utilization.

Gain visibility to possible meeting-based asset management improvements.

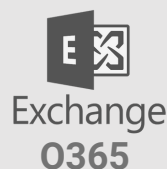
CUSTOMIZABLE DATA TAGGING

Fully customizable URI tagging system with Department, Location, Country and bespoke labels.

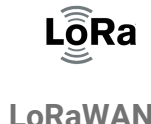
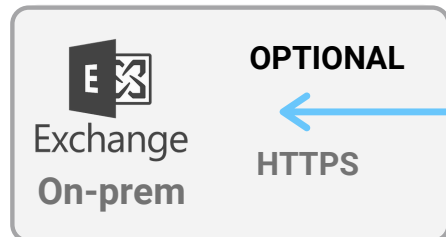
CUSTOMIZABLE REPORTS

Reports can be customized to meet the needs of your organization.

INTERNET



ON-PREM



Exchange 0365
 Thingsweb
 HTTPS + OAUTH HTTPS + OAUTH HTTPS

OPTIONAL
 ← HTTPS

HTTPS

Cisco Room Series
 Video Endpoint

CMS/Pexip

IoT Sensor

Synergy JOIN and Calendars

JOIN Synchronizes the Synergy of Things solution with Calendar information from either Microsoft Exchange or Google Calendar. The connection is over HTTPS using OAuth 2.0.

Synergy JOIN and Thingsweb

JOIN is connected to the Thingsweb cloud using HTTPS (TLS 1.2) on port 443, and OAuth 2.0 Authentication. This is at a per tenant level, keeping all customer data securely separated, and all storage of customer data is handled within the JOIN Server. The Thingsweb cloud has point of presence in EU and in USA (Asia H2 2020).

Thingsweb, Gateways and Sensors

The sensors transmits sensor data every 3 minutes to the Thingsweb gateway, as per the LoRaWAN@ specification. The gateway forwards the data over a secure outbound connection (TLS 1.2) to the Thingsweb cloud using HTTPS on port 443, where the data is forwarded further to JOIN.

Thingsweb Gateway Specification

The IoT Gateway is a multi-purpose IoT hub hosting a full 8 channel LoRaWAN@ gateway based on Semtech's SX1308 chipset. The Gateway is fully supported and managed from the Thingsweb portal. 4x 1,4 GHz ARM Cortex SMA port for ISM band antenna IEEE 802.3af compliant Power over Ethernet Support 10/100/1000 Mbit/s Ethernet Conduction based and heat dissipation metal enclosure ISM Band options for 868MHz and 915MHz Regions US, EU, AS, AU, KR, RU, IN, HK Power consumption 12,5W Temperature range -10°C - +55 °C (14°F -131°F) Physical dimensions 60x54x25 mm

Thingsweb Sensor Specification

The sensors are provisioned upon deployment using an Android mobile application. Upon provisioning, the sensor will become available for full support and management from the Thingsweb portal. Motion detection, Temperature, Humidity and Light Battery life more than 5 years (using Synergy of Things report scheme @SF9) Physical dimensions 86x86x28 mm, 100g including batteries