THEMIS

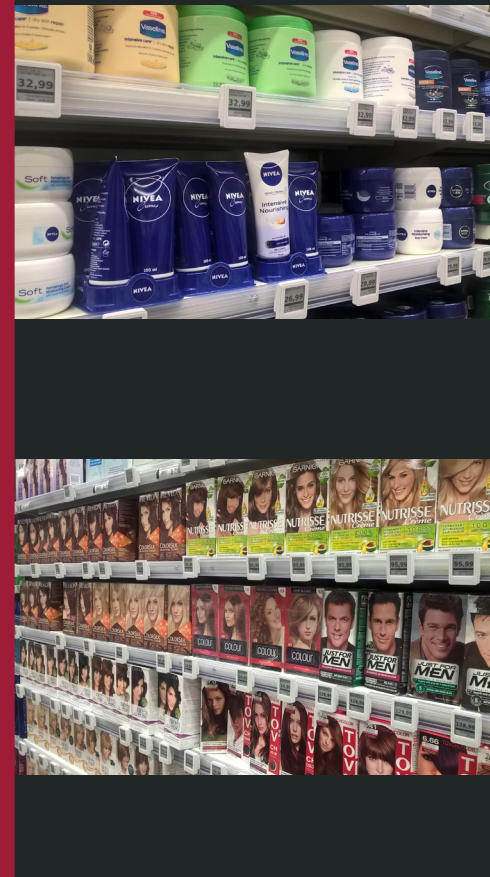## ELECTRONIC SHELF LABEL SOLUTION

THEMIS

The name THEMIS is from greek mythology and stands for inter alia law and order. This is why we are calling our ESL system Themis, to make it easy for everybody to bring order in the prices at the shelf.
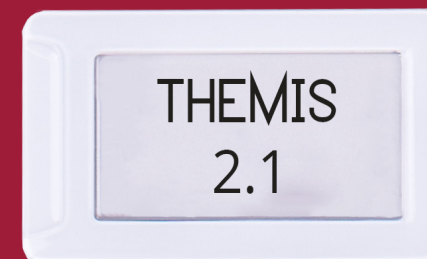
THEMIS IS BASED ON STATE-OF-THE-ART TECHNOLOGY TO SECURE A MODERATE CUSTOMER PRICING.

FALL IN LOVE WITH OUR SYSTEM

LARGE VARIETY OF ACCESSOIRES

THEMIS 1.5

Dimension: 40 x 43 mm
Options: 3-color-display, NFC, iBeacon, variaty of frame colors

THEMIS 2.1

Dimension: 69 x 37 mm
Options: 3-color-display, NFC, iBeacon, variaty of frame colors

THEMIS 7.5

Dimension: 188 x 140 mm
Options: 3-color-display, NFC, iBeacon, variaty of frame colors
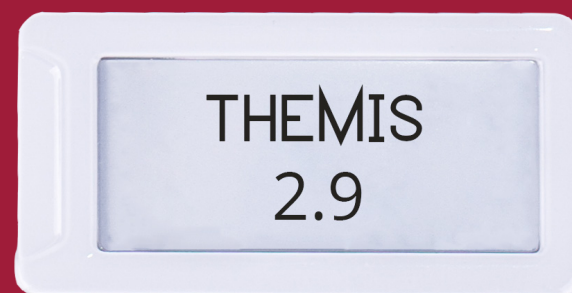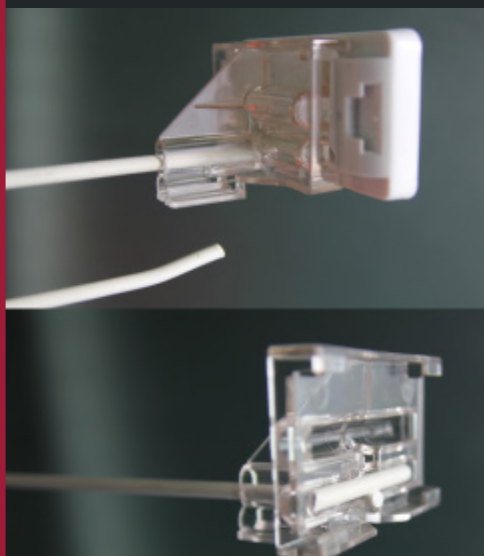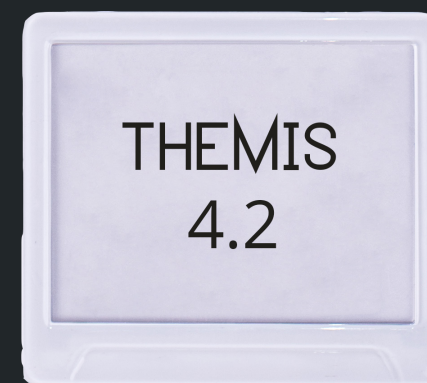
THEMIS 2.9

Dimension: 86 x 43 mm
Options: 3-color-display, NFC, iBeacon, variaty of frame colors

THEMIS 4.2

Dimension: 99 x 85 mm
Options: 3-color-display, NFC, iBeacon, variaty of frame colors

& IMPROVE YOUR BUSINESS

THEMIS SOFTWARE

- FAST AND EASY INTEGRATED
- FUTURE PROOFED VARIATIES OF INTEGRATION
- SCALABLE LICENSE MODEL
- OPTIONAL CLOUD BASED
- HTML 5 BASED
- JAVA BASED
- NO CHANGES OF PROCESSES
- PLATTFORM INDEPENDENT MULTI-CLIENT-CAPABILITY

THEMIS COM-BASE SOFTWARE

THEMIS COM-BASE is the central administration and maintenance software
- Supports 1 - xxx organizations
- Central-administration-service for 1 - xxx branches
- Supports 1 - xxx COM-TAG modules
- Two-way-communication
- Very easy and fast integration to "leading systems" like ERP system
- Flexible installation location, store, IP-Network, cloud (Privat/Public)
- Pure JAVA software, runs on different hardware platforms and OS environments
- Full track & trace of all internal data changes and modifications
- Support of several languages
- HMTL5 user/administrator Web Interface
- Tag designer for graphical layouts
- Central layout storage for different tags designs
- Heavy duty, future proofed varieties of integration
- WebService, CSV, XML, JSON and REST (JSON/XML) interface
- Items can be bound to different tags sizes e.g. 1.5" and 7.5" in parallel
- Different layouts can be related to one item (e.g. layout for standard sales, layout for promotion)
- The same item can be bound to xxx number of labels
- Easy integration of user defined fields, through „Dynamic Key" technology
- Fully integration into existing systems and processes
- Various data export functions through Web Interface
- Minimum time needed to recover the system (in unlikely case of a complete system failure, all data can be recovered very fast and simple because any data will be „mirrored")
- Multi-client capability

THEMIS COM-TAG SOFTWARE

THEMIS COM-TAG is the local (store) operation software, which communicates via base station with the ESL tags.
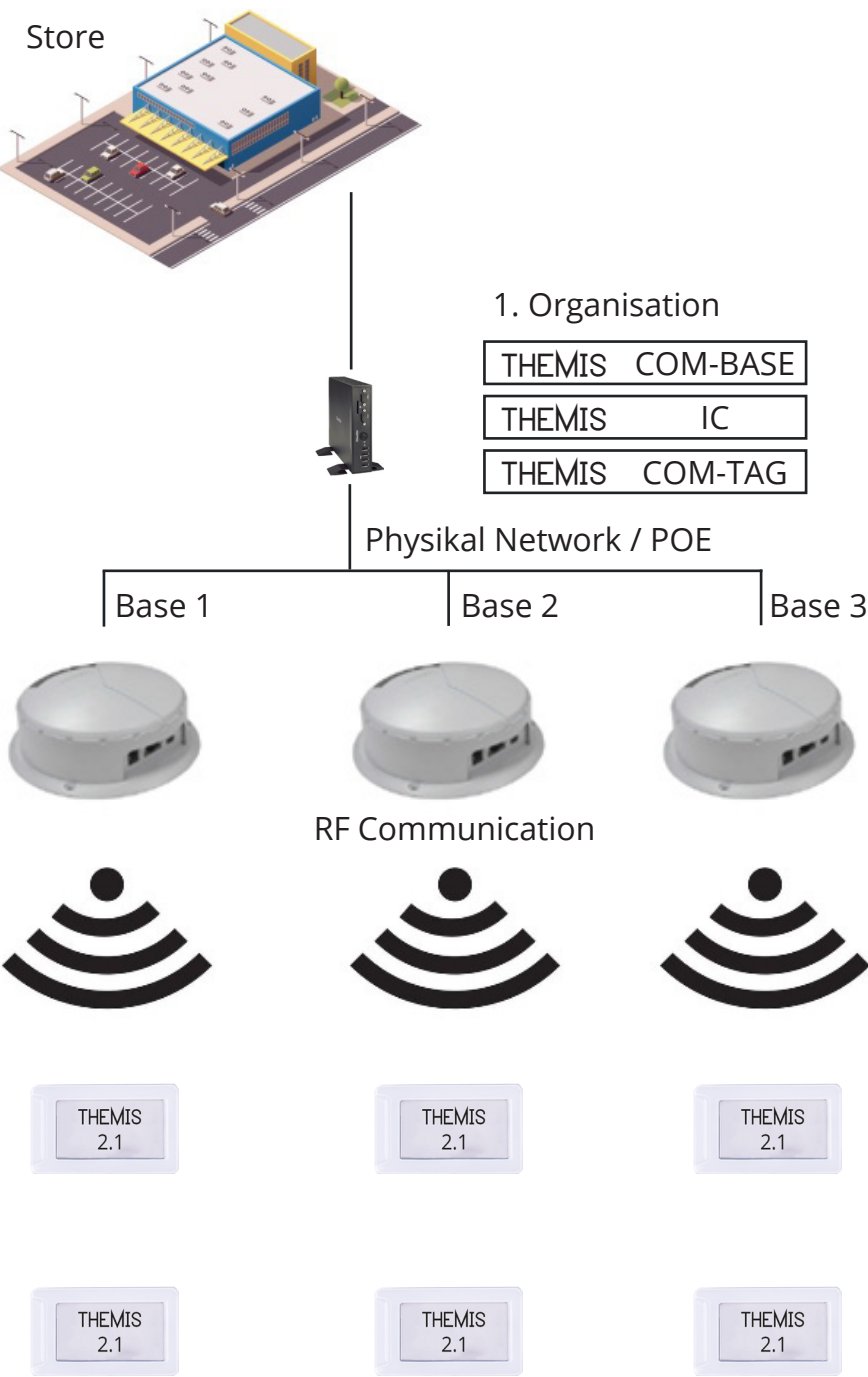- Supports 1 - xxx ESL tags
- Supports Themis 1.5", 2.1", 2.9", 4.2" and 7.5" tags
- Two-way-communication
- Supports 1 - xxx base stations (antennas)
- Uses 2.4 GHz PoE (Power over Ethernet) base stations
- Support of several languages
- Pure JAVA software, runs on different hardware platforms and OS environments
- HMTL5 user/administrator Web Interface
- „Tag Bind to Item function" via every HTML5 browser related device
- Easy setup through Web Interface
- Easy uplink to THEMIS Cloud
- Minimum time needed to recover the system (in unlikely case of a complete system failure, all data can be recovered very fast and simple because any data will be „mirrored")
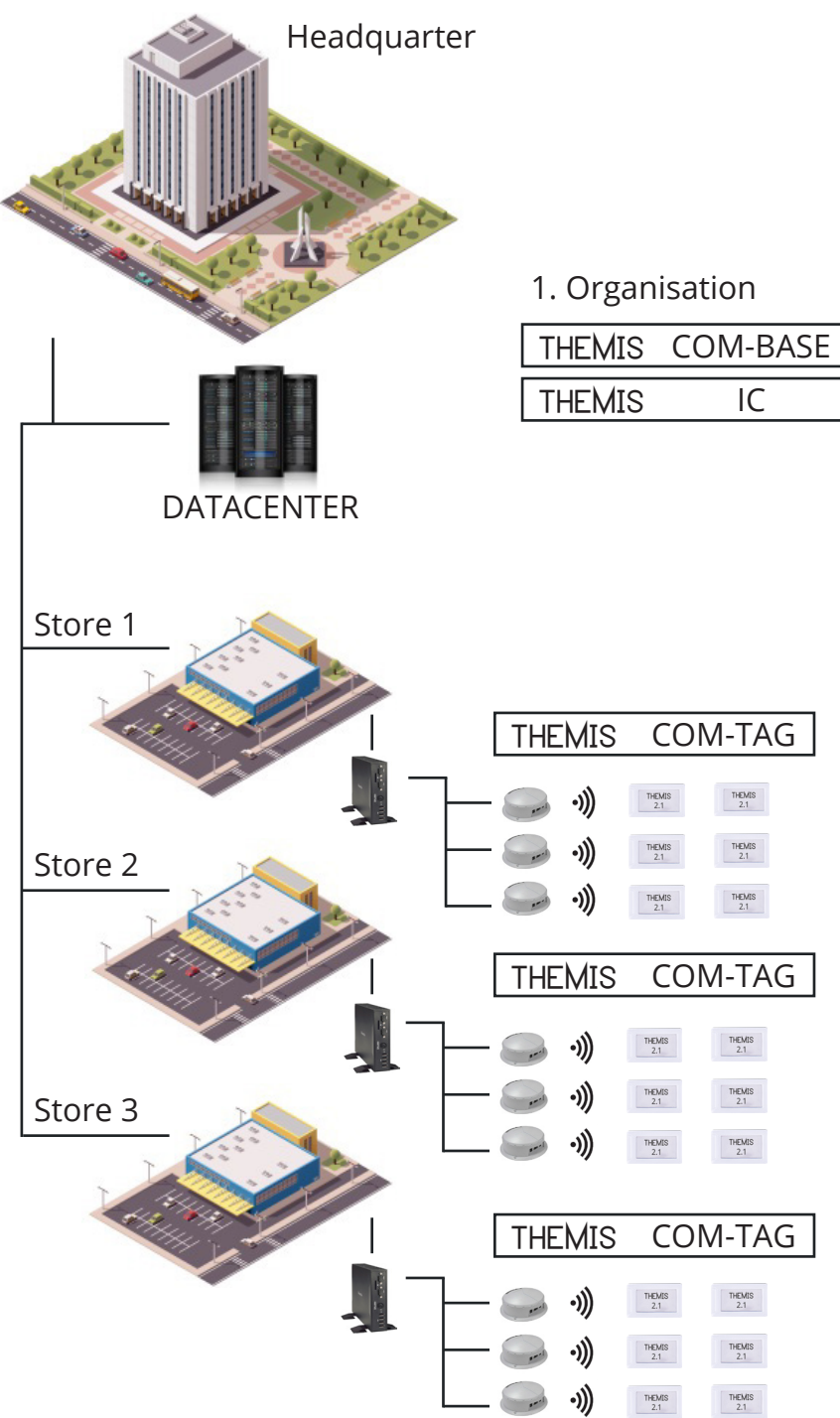
THEMIS SOFTWARE

STORE LEVEL

In this „traditional" installation scenario, all Themis software components installed locally on-site on the store-controller-PC.

Store

1. Organisation

THEMIS	COM-BASE
THEMIS	IC
THEMIS	COM-TAG

Physikal Network / POE

Base 1   Base 2   Base 3

RF Communication

THEMIS 2.1   THEMIS 2.1   THEMIS 2.1

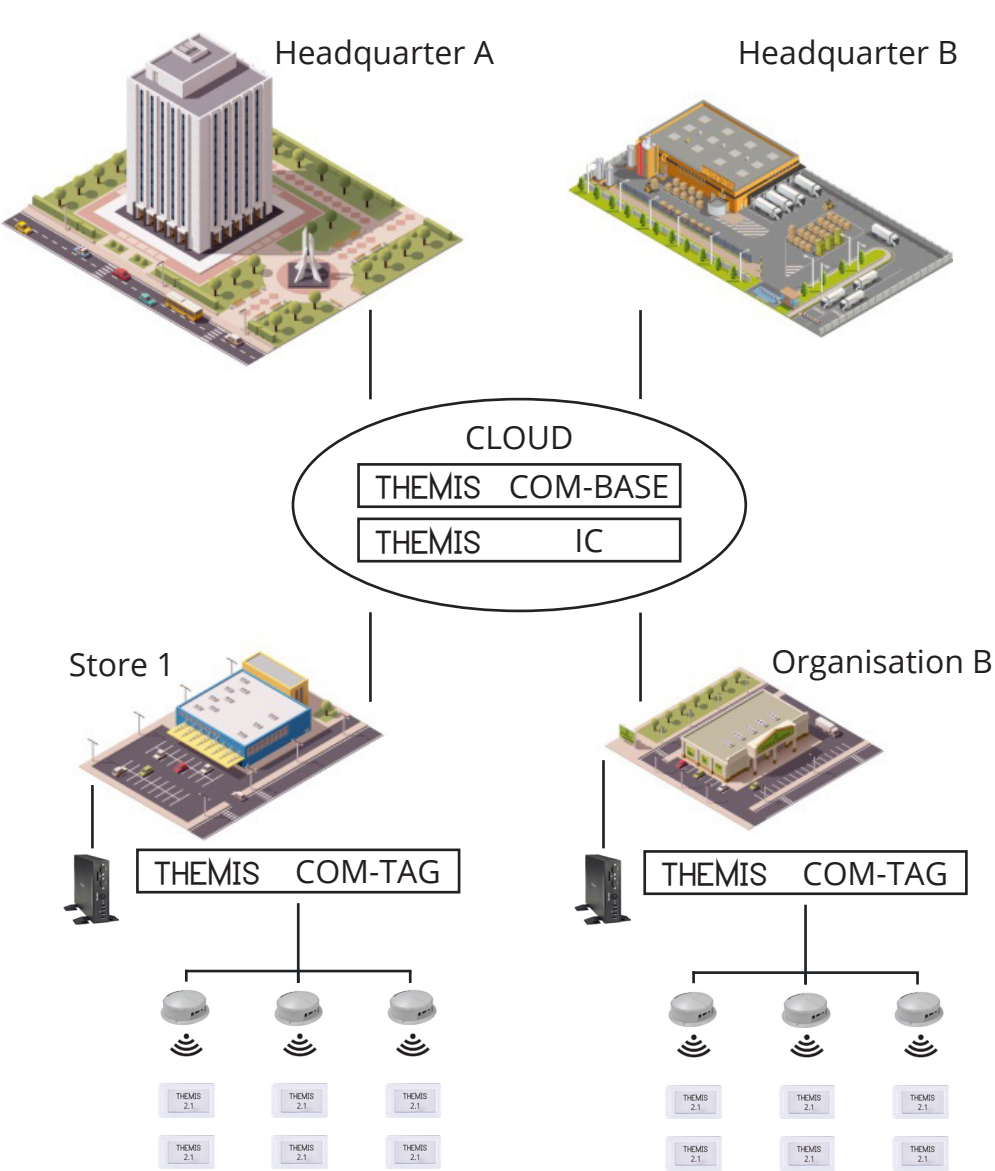THEMIS 2.1   THEMIS 2.1   THEMIS 2.1

IP NETWORK LEVEL

In this scenario, in the Headquarter runs the COM-BASE and IC central in a data center und supports the stores via his own TCP/IP network.

Headquarter

1. Organisation

THEMIS	COM-BASE
THEMIS	IC

DATACENTER

Store 1

THEMIS	COM-TAG

THEMIS 2.1 THEMIS 2.1
THEMIS 2.1 THEMIS 2.1
THEMIS 2.1 THEMIS 2.1

Store 2

THEMIS	COM-TAG

THEMIS 2.1 THEMIS 2.1
THEMIS 2.1 THEMIS 2.1
THEMIS 2.1 THEMIS 2.1

Store 3

THEMIS	COM-TAG

THEMIS 2.1 THEMIS 2.1
THEMIS 2.1 THEMIS 2.1
THEMIS 2.1 THEMIS 2.1

CLOUD LEVEL

In this scenario, the COM-BASE and IC are installed in a cloud. Headquarters and branches communicates directly through a cloud.

Headquarter A   Headquarter B

CLOUD

THEMIS	COM-BASE
THEMIS	IC

Store 1   Organisation B

THEMIS	COM-TAG		THEMIS	COM-TAG

THEMIS 2.1 THEMIS 2.1 THEMIS 2.1   THEMIS 2.1 THEMIS 2.1 THEMIS 2.1

THEMIS 2.1 THEMIS 2.1 THEMIS 2.1   THEMIS 2.1 THEMIS 2.1 THEMIS 2.1

GET IN TOUCH!

Headquarter

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