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L-ROC de complete oplossing voor toekomstbestendige room automation

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Vedotec

- Opgericht 2002
- Totaalleverancier GBA
- Meedenken en support
- Vertegenwoordiging van…

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Schneider
Electric

Pixsys
ELECTRONICS

METZ
CONNECT

S+S REGELTECHNIK

domat
control system

Jola

DELTA
Smarter. Greener. Together.

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GRUNER

PETTINAROLI

Loytec

- Wenen Oostenrijk
- Opgericht 1999
- Netwerk producten voor Gebouwautomatisering
- Overname Delta 2016

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Systeem concept

Loytec room automation

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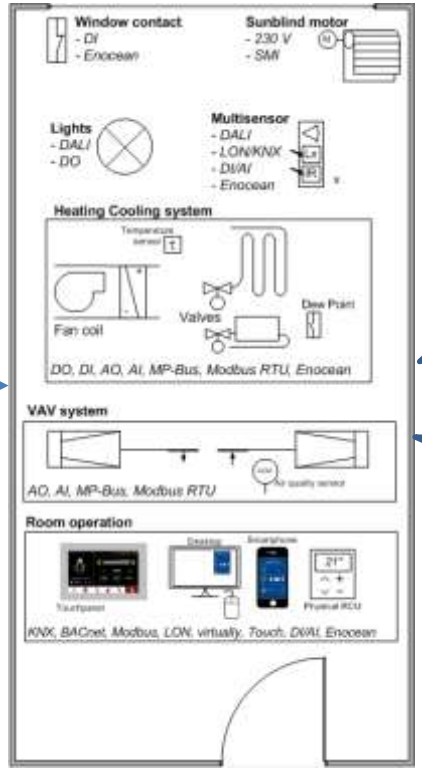
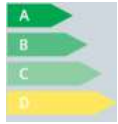
Potentiële eisen in een ruimte

IP-Communicatie met BMS, Cloudtoepassingen en overige systemen

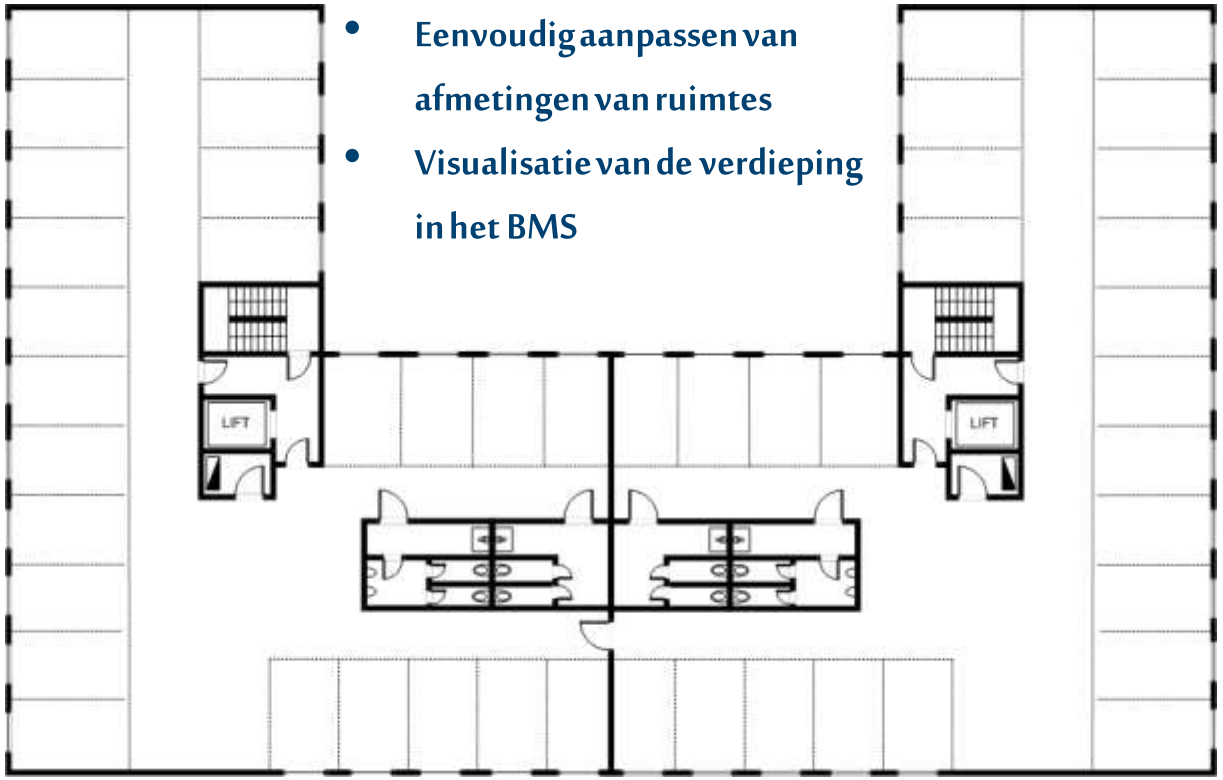




De meest energie-efficiënte werking gecombineerd met het hoogste comfortniveau

Potentiële eisen op een verdieping

- Eenvoudig aanpassen van afmetingen van ruimtes
- Visualisatie van de verdieping in het BMS



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Uitdagingen

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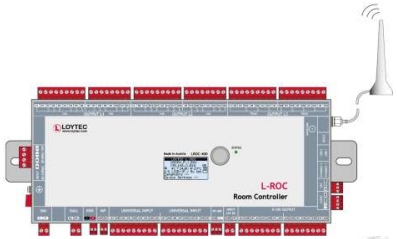
LOYTEC heeft de antwoorden

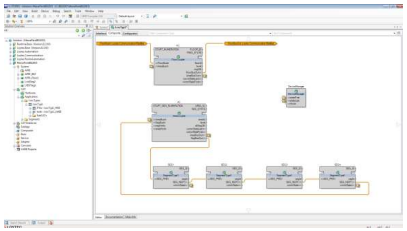
Modulair

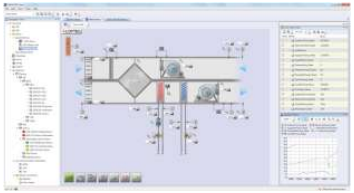
Compact



Bediening/Sensoren

Software





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Modulair

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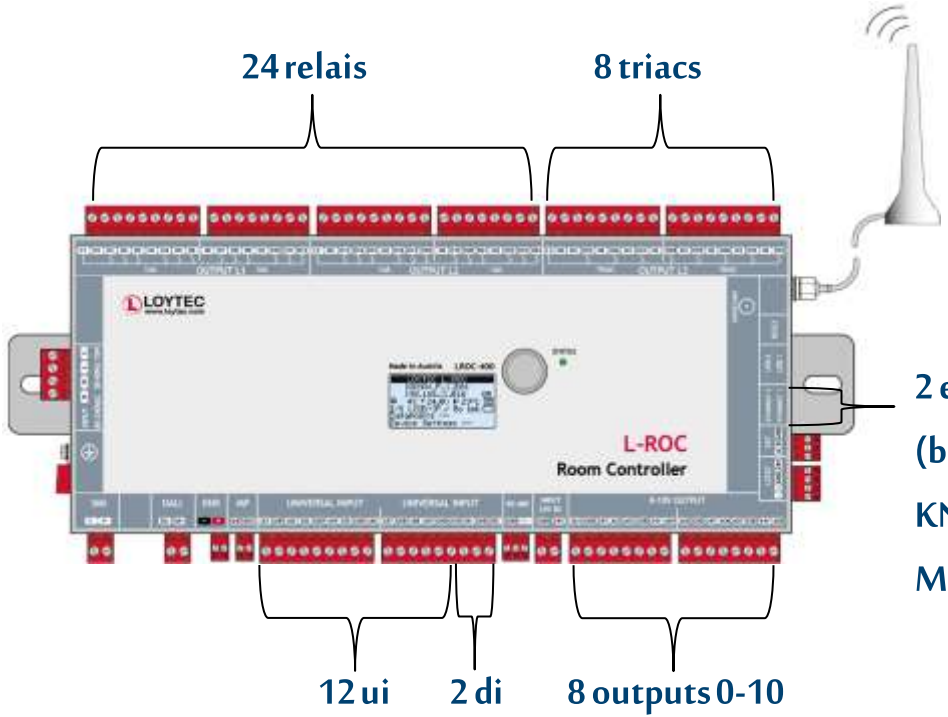
L-ROC 400 de “De alleskunner”



2 ethernetpoorten (bacnet IP, LON IP, KNXnet IP, OPC, Modbus TCP)

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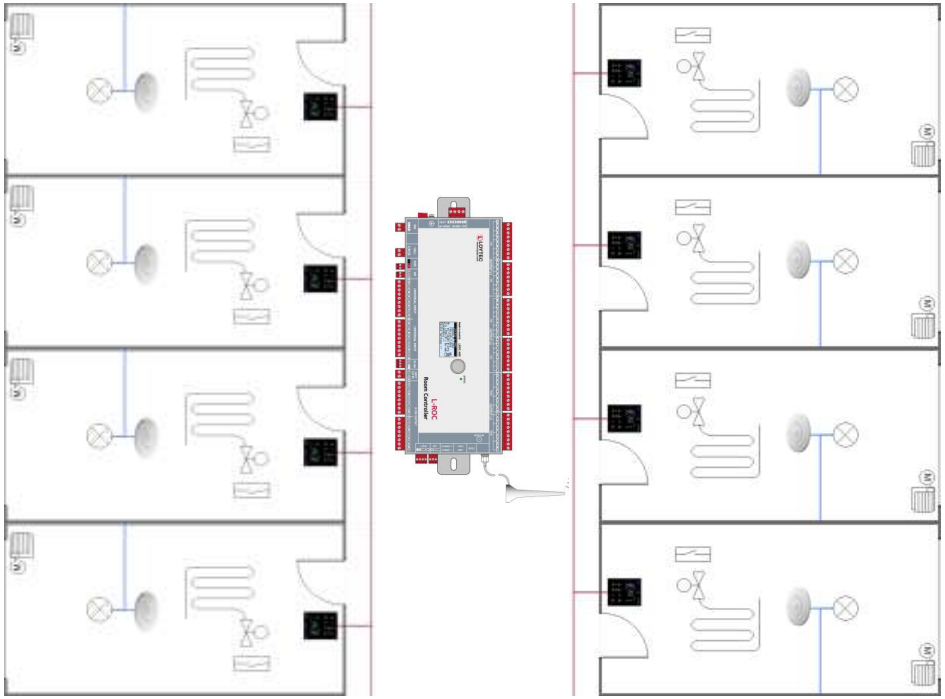
Opbouw met 8 segmenten



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Opbouw op een verdieping

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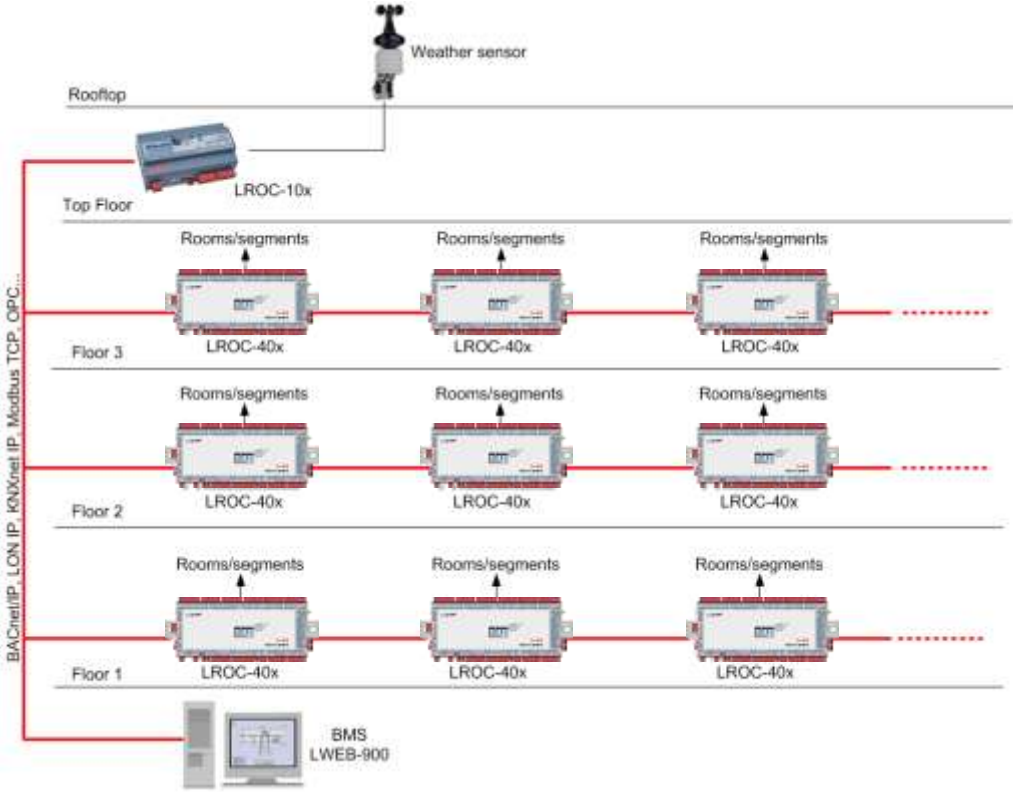
Opbouw van het gebouw



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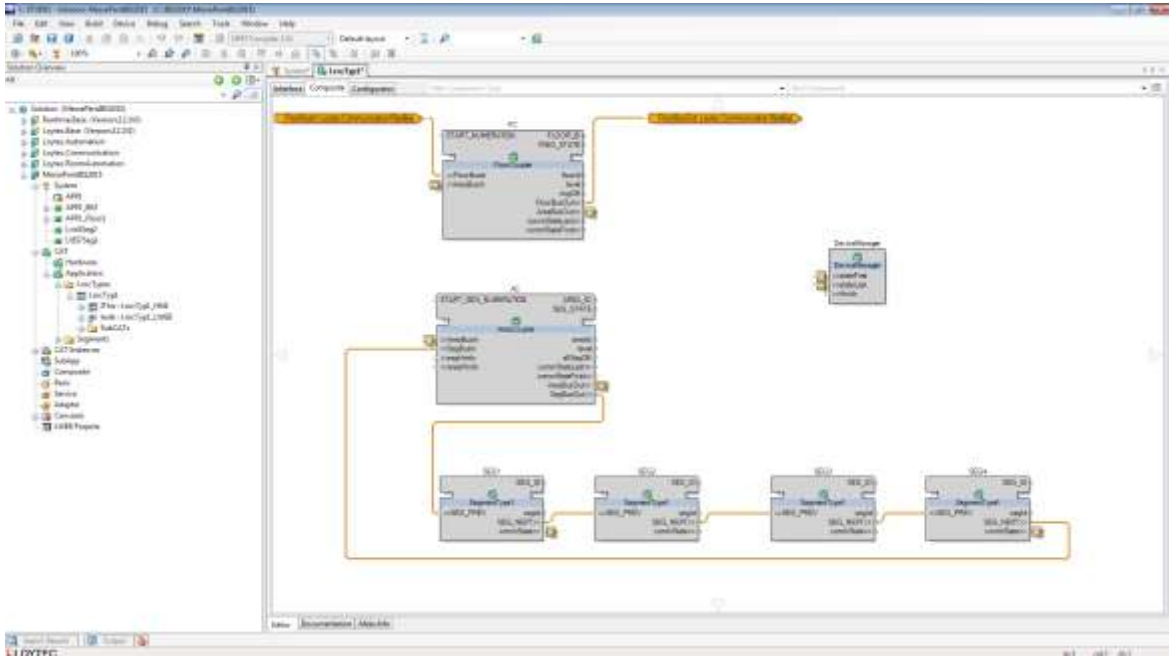
Software L-Studio



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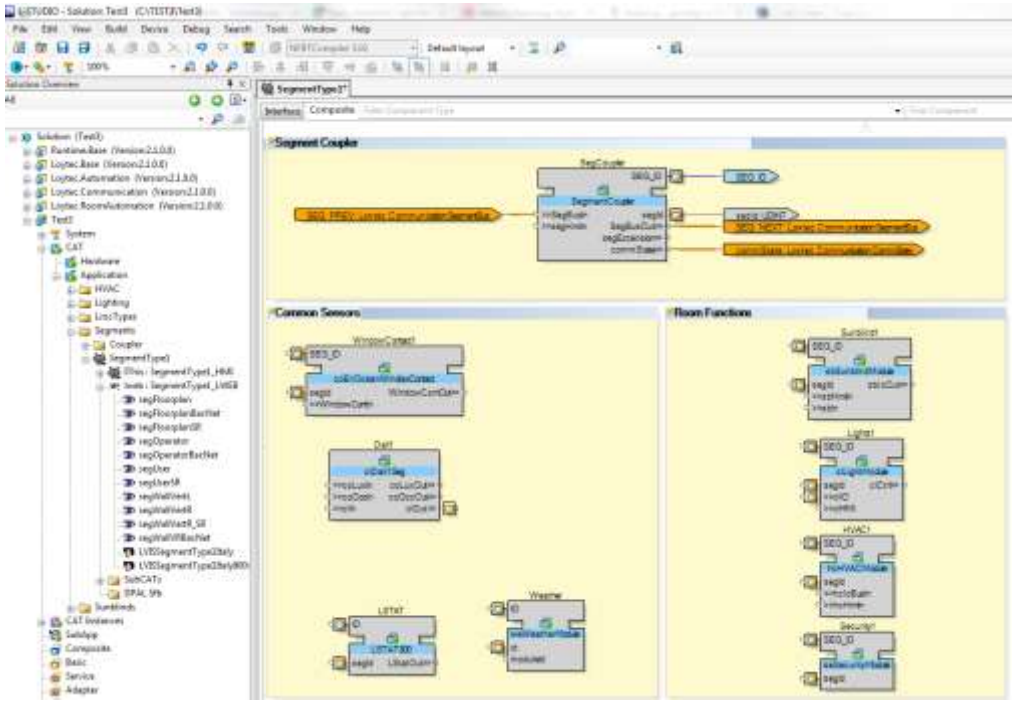
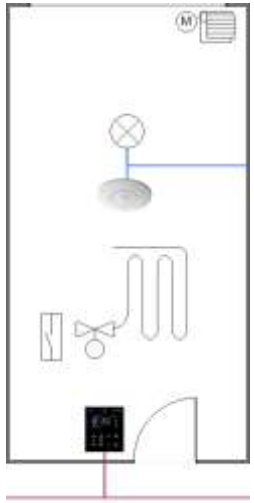
Segmenttype





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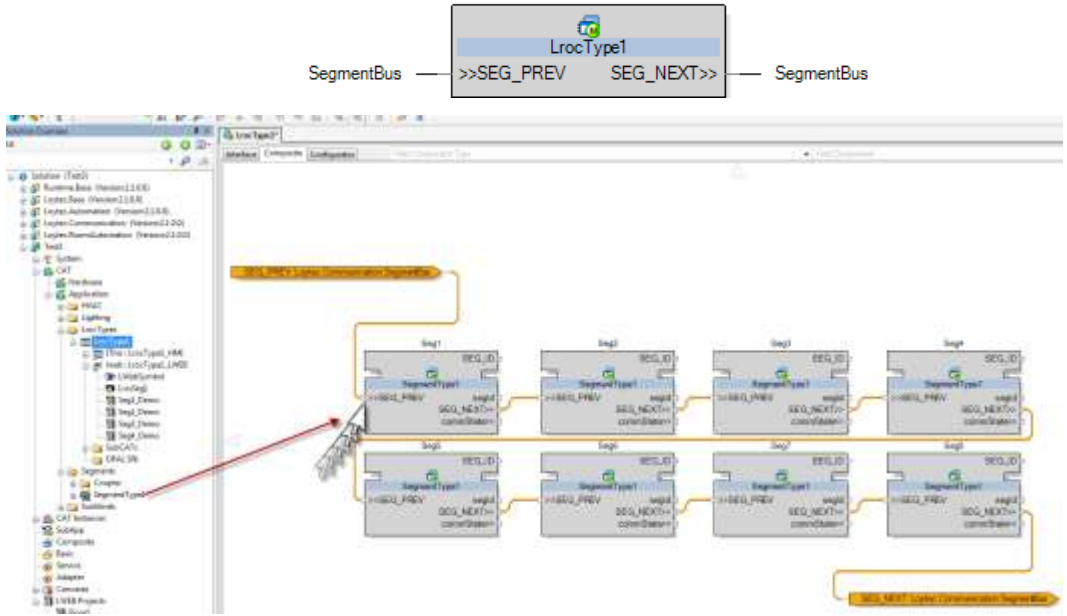
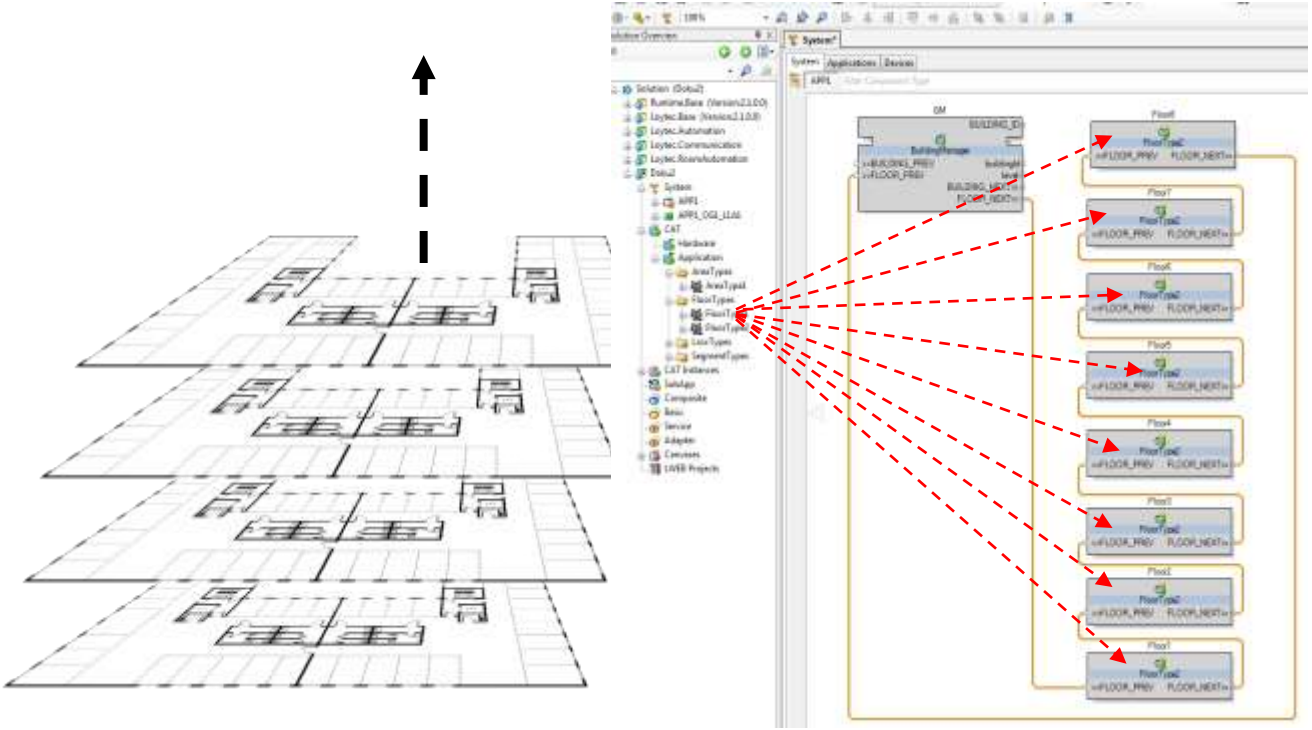
8 segmenten vormen een L-ROC type



Gebiedstype, verdiepingstype, gebouw



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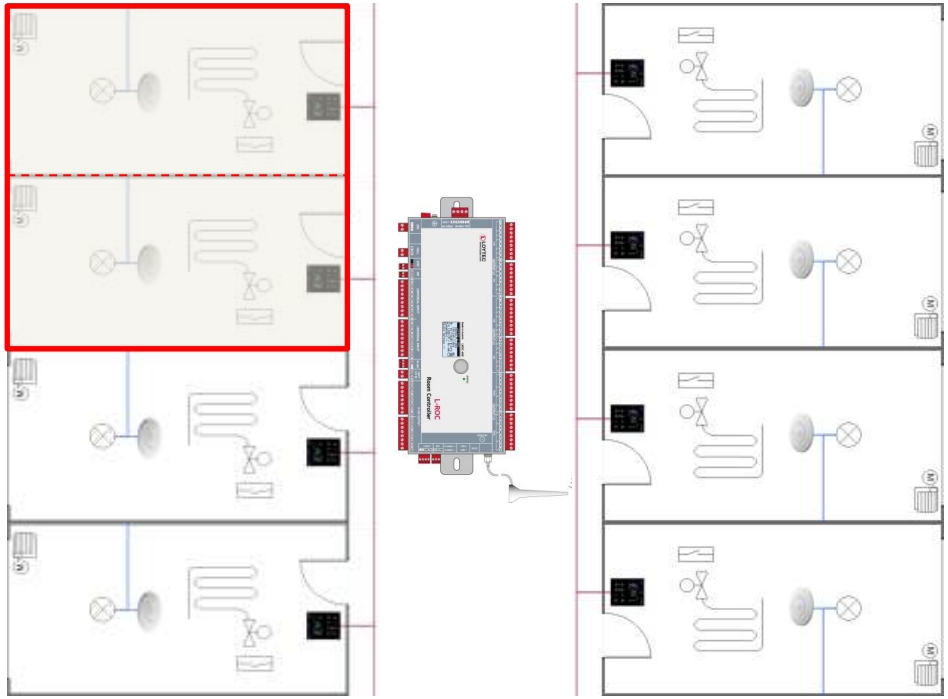
Ruimtes zijn flexibel



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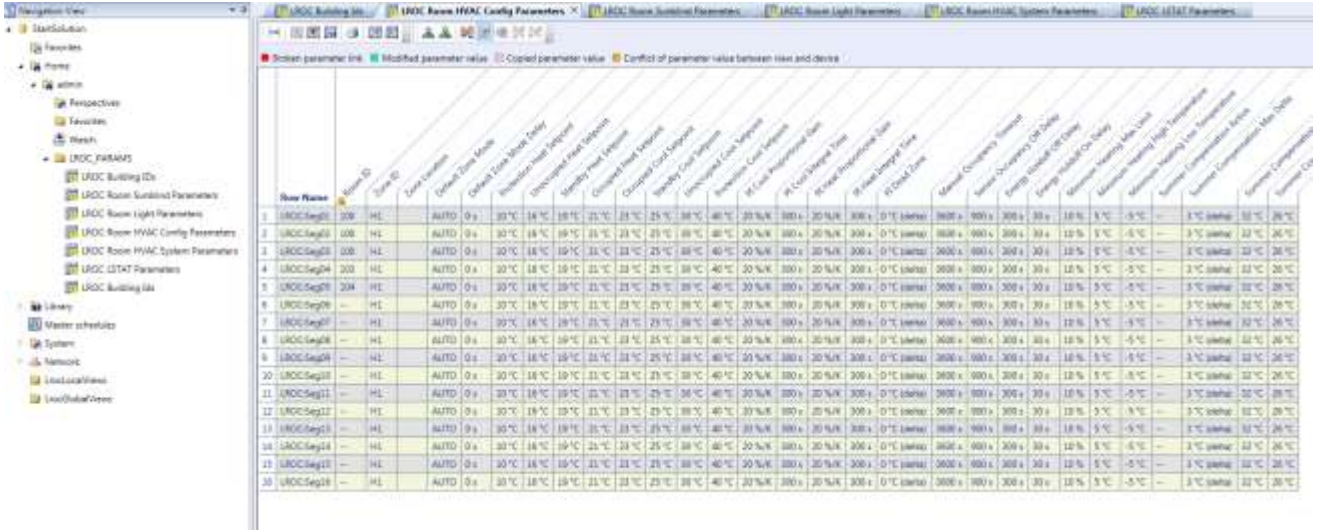
Alle datapunten inzichtelijk



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Enkele highlights

- Alle veel voorkomende protocollen geïntegreerd
- Flexibele slimme programmering
- Hot swap
- Redundant
- IP netwerk voor koppelen controlers
- Geïntegreerde Firewall
- HTTPS verbindingen
- Gescheiden netwerk mogelijkheden
- Controllers lokaal geïnstalleerd
- Eventueel prefab met stekkers

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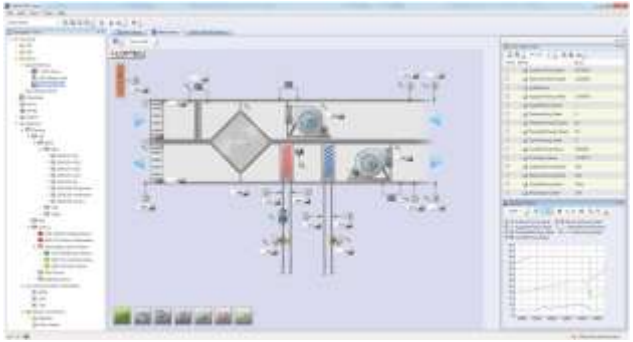
LWEB 900

- Centraal systeem waar alle data per project opgeslagen is
- Trends
- Alarmering
- Planning
- Grafische weergave
- Zelf te ontwerpen UI



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Visualisatie in L-WEB

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De voordelen

- Flexibel
- Efficiënte engineering
- Data is systeem breed beschikbaar
- Grotere opbrengsten per m2
- Lagere kosten per fte
- Meegroeiend met de toekomst

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Vragen?

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