



haulogy 

The energy IT company

 flux50 TWe D
ENERGISING THE FUTURE

SMARTENERGY Six pack training series

Session 1 : Energy Communities

IT challenges and solutions for Energy Communities & data exchange with DSO /energy retailers

Introduction Haulogy

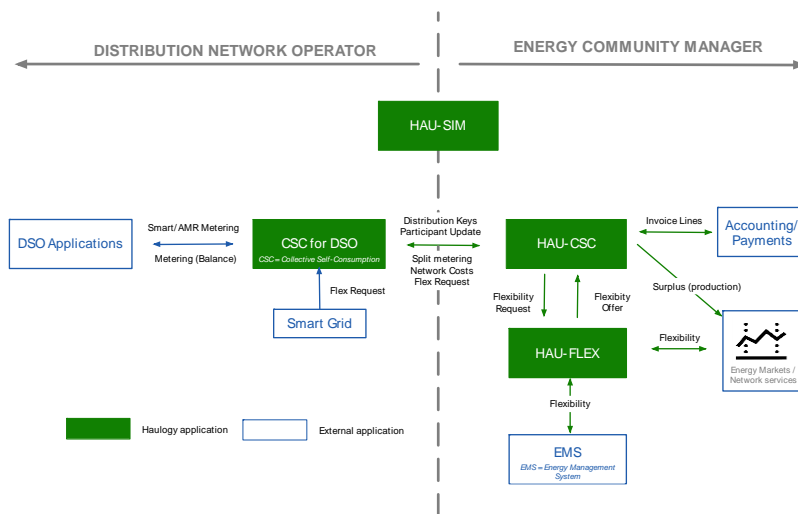
Software Publisher active in the Energy sector

- ✓ Created in 2005, > 100 IT & energy experts
- ✓ 12,5 M€ turnover in 2020, 2 digit growth since several years
- ✓ Over 50 customers in Belgium, France & Netherlands
- ✓ Massive R&D investment policy
- ✓ Historically specialised in liberalisation*, today diversified in the energy transition: flexibility and energy communities

* > 150 Millions market messages and 6 million energy invoices are yearly managed/generated



Liste non exhaustive



> 25 Energy Communities project

Starting points

Statement on Energy Communities

Huge opportunity to speed-up the energy transition but

- ✓ Regulated market: respect of rules, complexity
- ✓ Mass market: large number of players
- ✓ Heterogeneity of players: citizens, municipalities, SME's...
- ✓ Unclear business model

→ Challenge is to

- ✓ Hide to the participants the inherent complexity of Energy Communities
- ✓ Put at the EC disposal solution covering a large share of their IT needs
- ✓ Reducing the need of human intervention (automatization, cloud, pre-parameterisation..) in order to diminish HR costs
- ✓ and being financially attractive

Starting points (2)

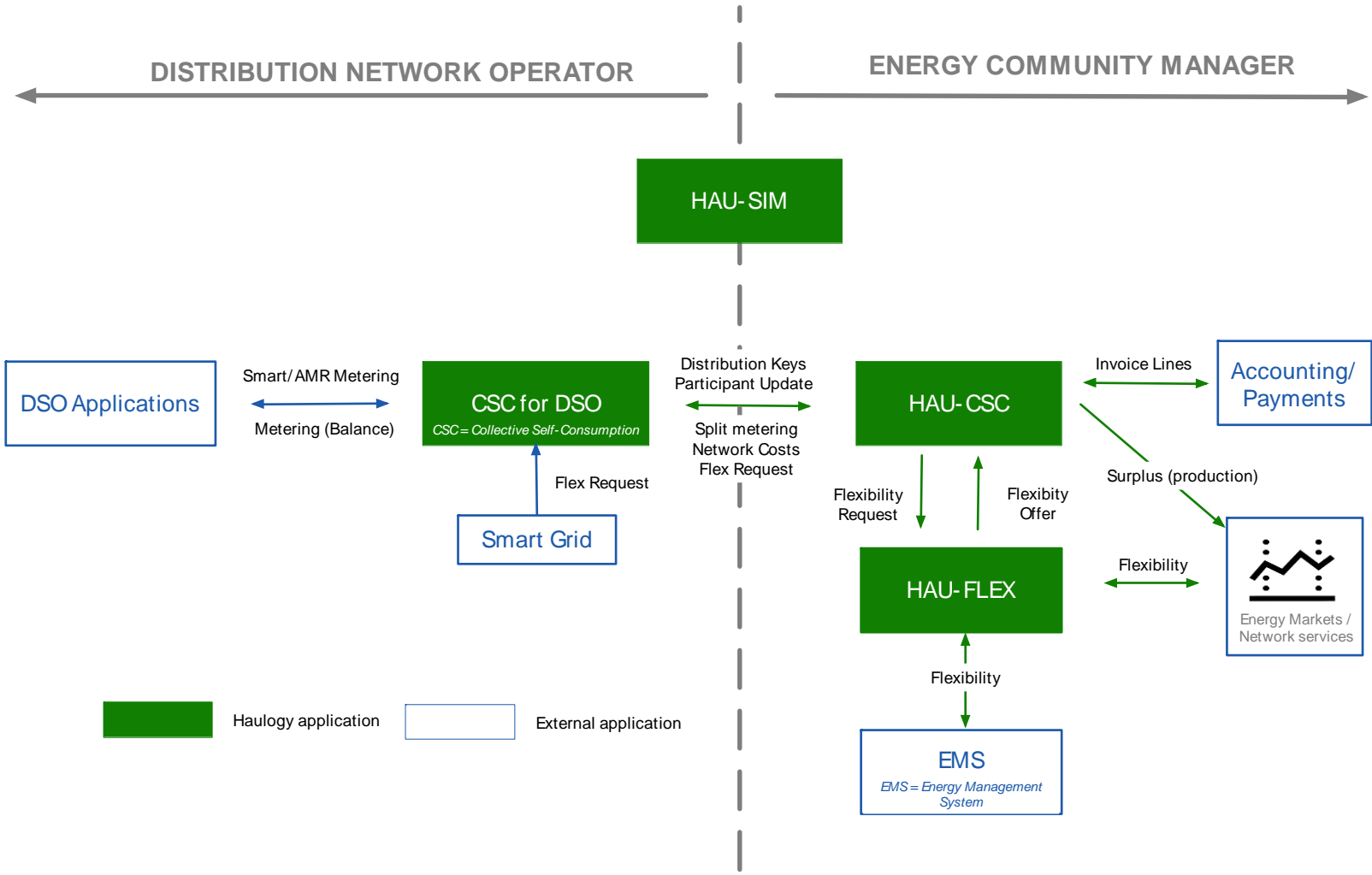
Haulogy Assets

- ✓ Large experience with DSO and energy retailers
- ✓ Availability of modular applications
- ✓ Multiservice model: on premise, SaaS, BPO, ...
- ✓ Proven capacity to deliver cost-efficient solution adapted to an emerging market

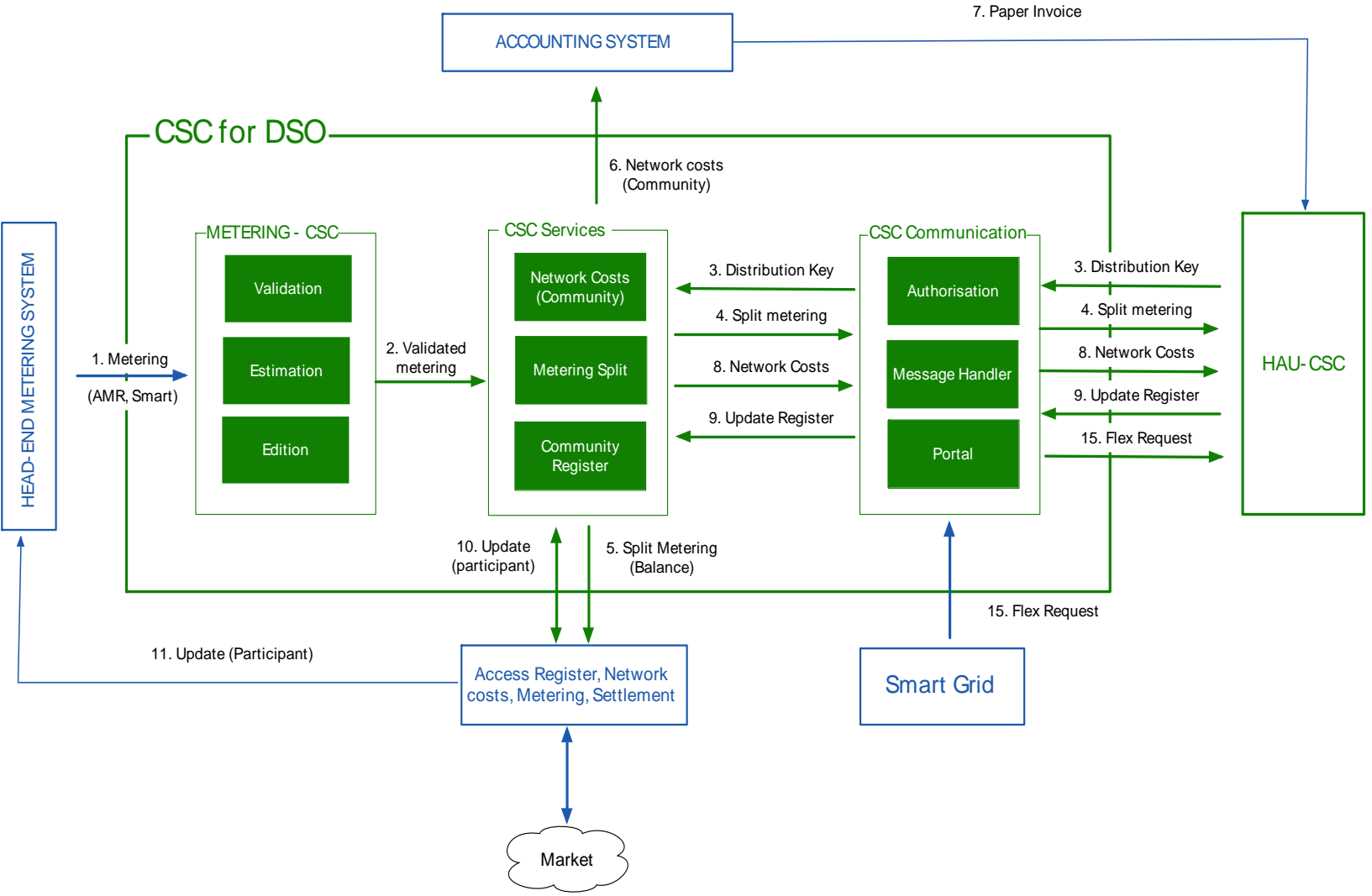


- ✓ Development of an exhaustive portfolio of solutions and services dedicated to Energy Communities
- ✓ Solutions available on the cloud in a SaaS mode
- ✓ One-stop shopping concept : CERWAL
- ✓ Software license depends on the EC savings

Solution portfolio

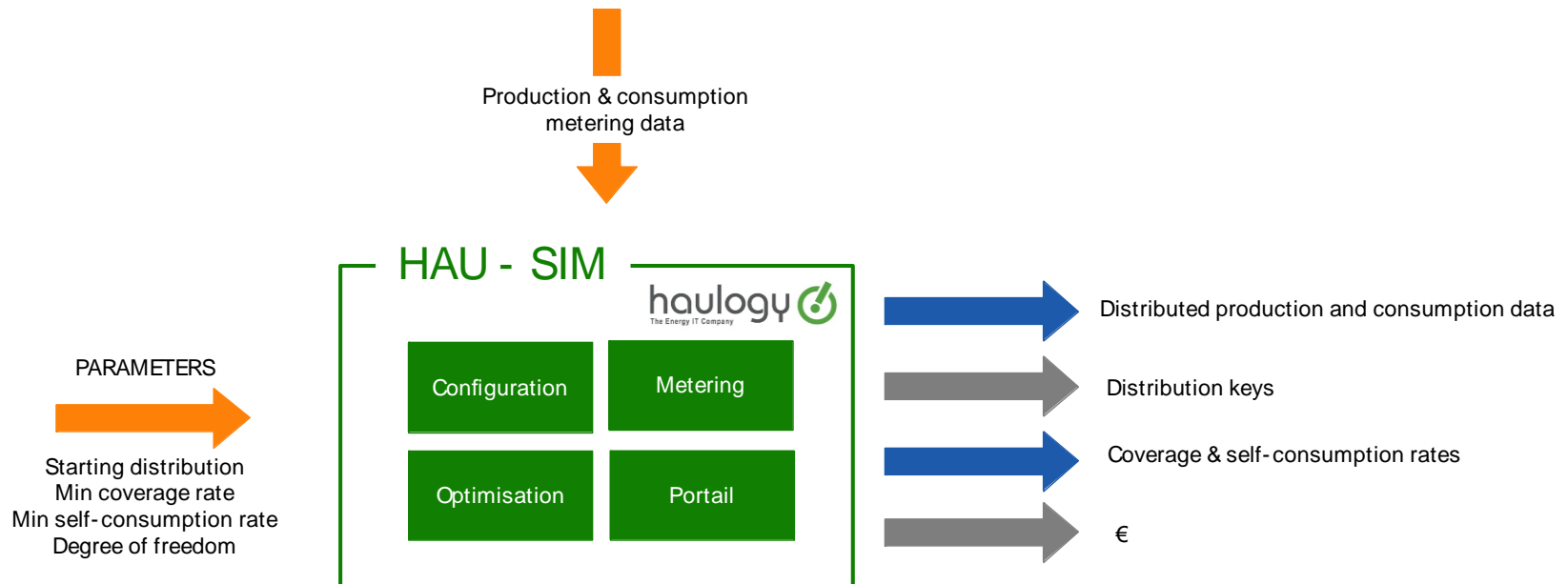


Solution for DSO





→ Simulation of the best distribution of locally produced energy among the participants

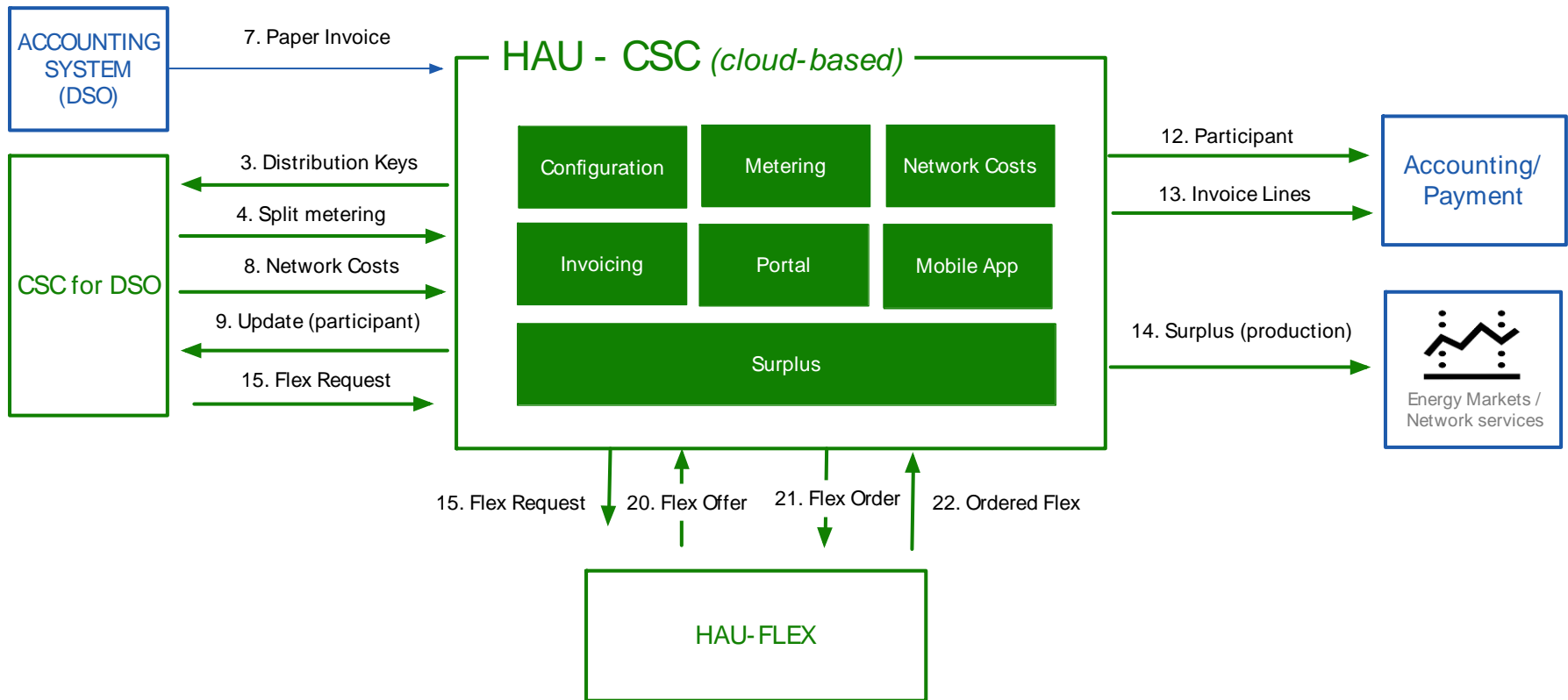


Algorithm → Maximising the use local production

HAU-CSC Module



→ Administrative and operational management of EC



HAU-FLEX Module



→ Use of participants' flexibility to meet the needs of the DSO or to maximise self-consumption

