

Facility automation

-

We investigate thouroughly

- for saving energy and protecting nature!





Why you should listen:

- our technology is like a **kiss**..
Kee**p** it (technology) **s**imple and **s**tupid
- platform strategy for house automation
- competitiveness
- patented system / europe, russia

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Facts about Habitron

- Est. 2008
- Development of electronical devices for house- and facility automation since 2002
- 5 employees, 3 freelancer
- Distribution startet end of 2009
- Patents signed in 2006
- Reg. Trademark

People behind Habitron



L. Pramme
Dipl. Ing.
Manag. Director



U. Baumgärtner
Ing.
Development

Core-Targets

- House and facility automation: *affordable for everybody*
- Key Infrastructure: *single source technology*
- Standard components: *become intelligent with habitron®*
- Open Software: *for all kind of facility management*
- Platform basis: *reducing high and complex variety of different products*



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The „All in One“ Solution! Smart Controller

Sensors :

Temperature
 Humidity
 Air-Quality
 Brightness
 Movement-Control
 Infrared

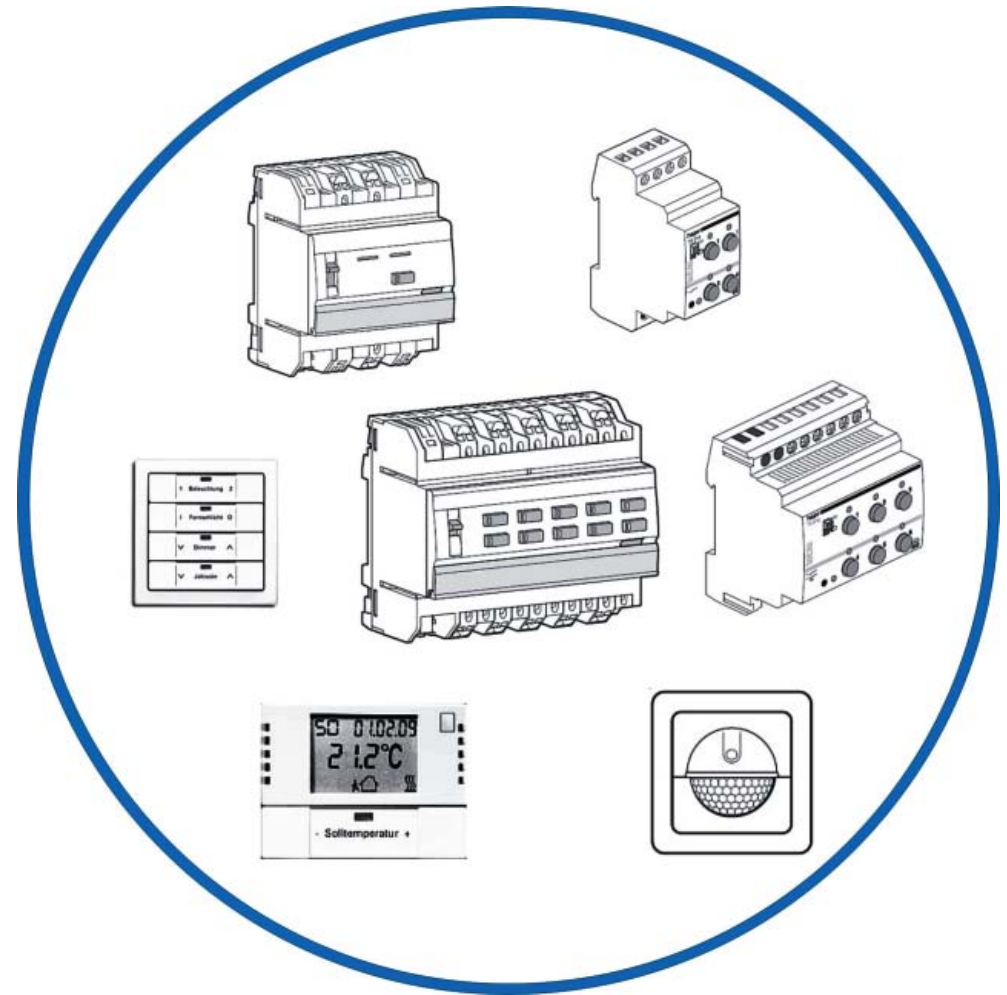
Multi- Funktional Display

In :

4X 230V IN
 6X 24V IN
 1X AD 1-10V
 1X Ext. Temp. Sensor

Out:

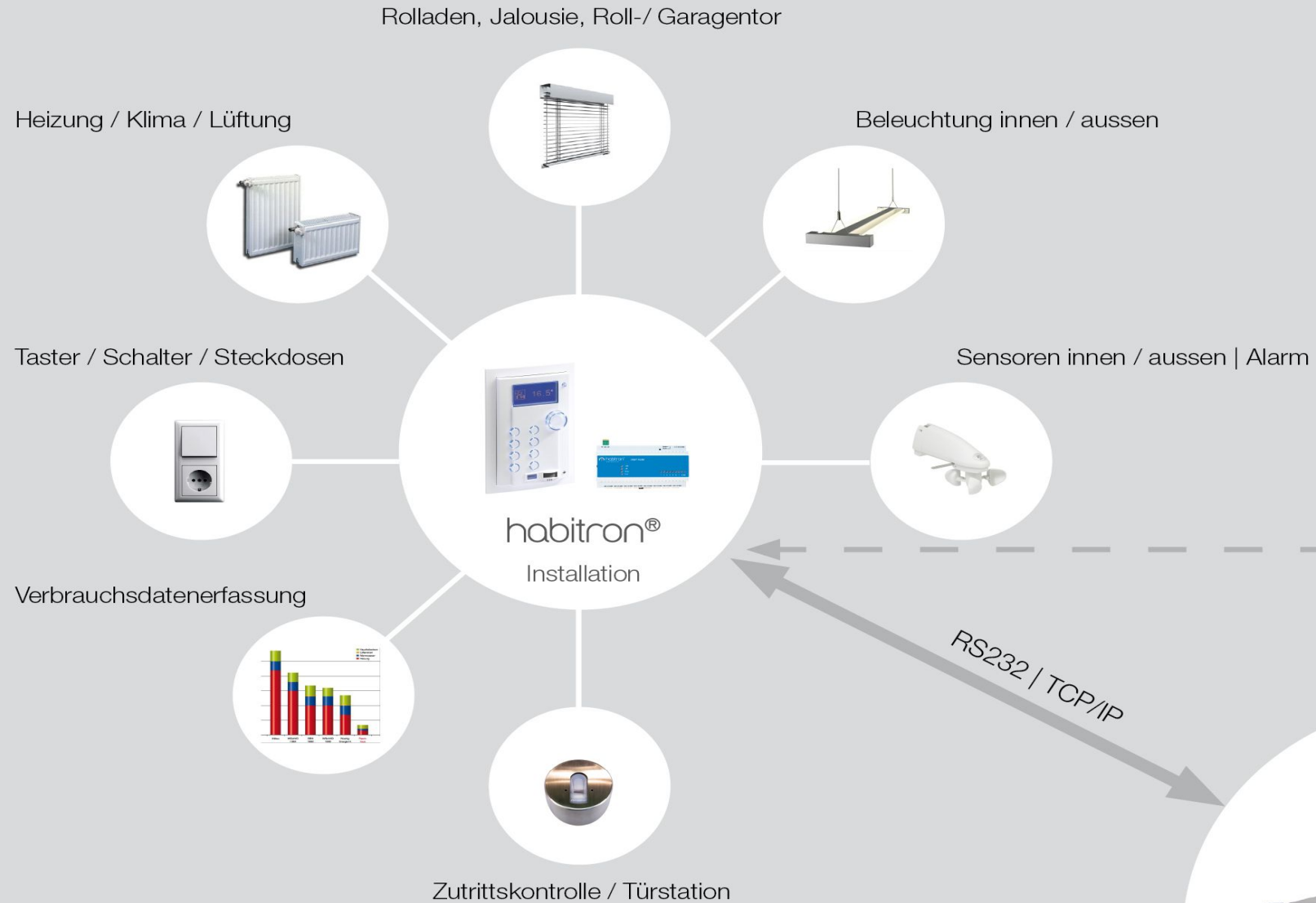
10X 230V OUT
 3X 24V OUT
 2X 230V DIMM
 1X Relais



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The System

- Standard components become intelligent and controlled by habitron
- Two Key-Components = full automation



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The Secret – The Habisoft

- The System can be programmed with *Habisoft* by everybody.

- All ports of *habitron*[®] components are open for any configuration !

Taster	Schalter	Kanal	Signal	Eigene Bezeichnung
<input checked="" type="checkbox"/>	<input type="checkbox"/>	IN 1 (Ch.1)	230V	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	IN 2 (Ch.2)	230V	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	IN 3 (Ch.3)	230V	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	IN 4 (Ch.4)	230V	Schalter Küche
<input type="checkbox"/>	<input checked="" type="checkbox"/>	IN 5 (Ch.5)	230V	Schalter Wohnzimmer
<input checked="" type="checkbox"/>	<input type="checkbox"/>	IN 6 (Ch.6)	230V	Taster Flur
<input checked="" type="checkbox"/>	<input type="checkbox"/>	IN 7 (Ch.7)	230V	Taster Essbereich
<input type="checkbox"/>	<input checked="" type="checkbox"/>	IN 8 (Ch.8)	230V	

Tastendruck kurz



Tastendruck lang



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Facts

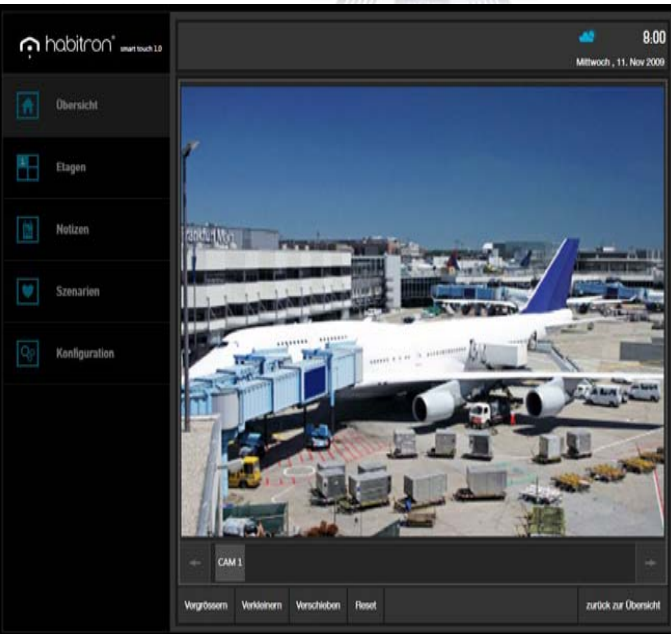
- Build up on same infrastructure as house installation
- no dependencies in planning, installation, implementing / activation and maintenance
- no expensive trainings or dependencies on specialists
- based European & British Standard, also for renovation and refurbishment
- open system, non boundaries for implementing new technologies (e.g. solarpower, heat pumps, batteries etc)
- whole in one – one item, many sensors, distilled complexity



Extensions

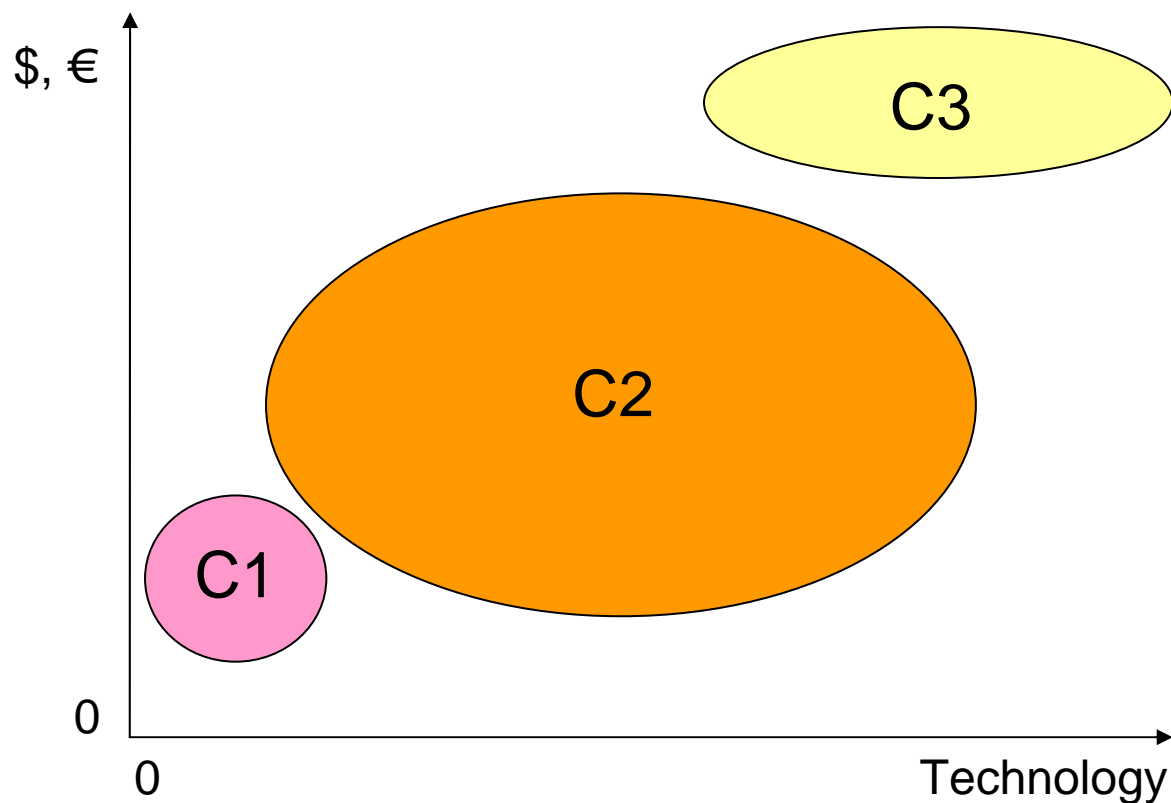
Many Faces of Habitron

- Security / Surveillance / Smoke Detection
- Facility Management via Touch Panel
- Unbeatable comfort, RFID or biometric solutions
- Illumination and lightning scenes



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Requirements : a **fascinating** price



Price-Range for Automation:

- C1: 2000,- €

senseless technology, not compatible, self-made

- C2: 4000,- - 8000,-€

Habitron: highly flexible, multi-task technology, KISS

- C3: 20.000,- - 100.000,-€

established systems of competitors, highly specialized, designed, highly flexible, endless var. products

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The Market – with **one** simple device

Private new buildings
and modernizations



Energy metering

Buildings for
industrial purpose



Hospitals, Senior Homes

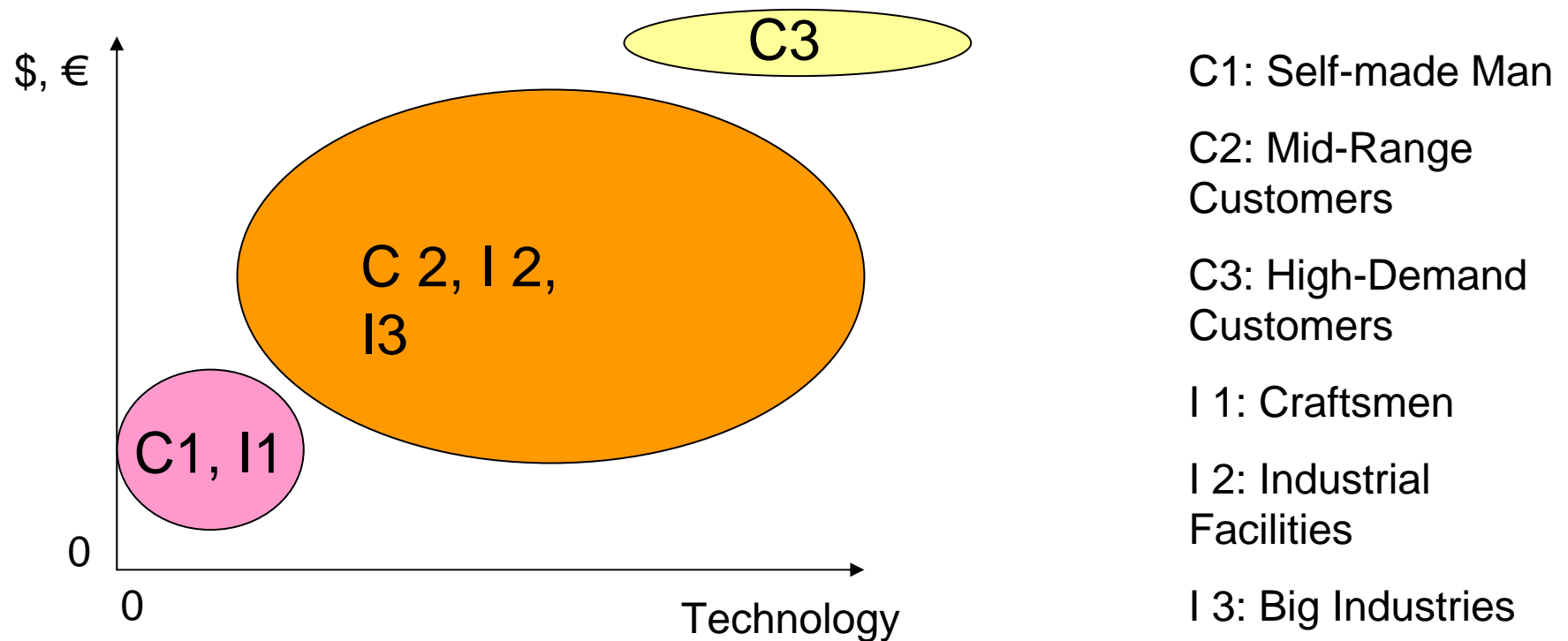
Public buildings



Builder for light and massiv
construction houses

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Summary: Our USP, Market research



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Thanks to the audience for listening!

A Solution for every place - worldwide

Heidelberg, Germany

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Requirements :

HEIDELBERGER
innovations FORUM

We want to achieve:

- Investment
- Distribution Partners, Licensees
- Commercialisation

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