



ambiente, feel the touch

ambiente

„With a lot of passion we develop, design and **produce professional Panel PCs entirely in Germany** – since 1991.“

- 55 employees
- 2000 m² area for production and development
- own software/hardware development department
- production „made in Germany“
- world wide distribution with partners

Milestones of tci

- 1991:** start up
- 1996: concentration on developing, manufacturing and marketing of industrial computers
- 2000:** **Panel PC A15 is presented at the HMI**
- 2002:** **certified to DIN EN 9001:2000**
- 2004: opening showroom at tci
- 2005:** **PreVision Control**
- 2006: ambiente presented at ligh+building
- 2008:** **opening ambiente.lounge**
- 2009: self-development baseboard technology and widescreen touches
- 2011: 20 years tci and the launch of contatto
- 2014:** **launch pureKNX and luna**
- 2018: certified to ISO 9001
launch of the new ambiente in Bauhaus design
- 2021: launch of room control unit „solo“

Markets



Medical Technology



Industrial Automation



Building Automation

Why tci



Competent Consulting

from the requirement analysis up to the selection of suitable solutions

Reliable and Extremely Durable

due to the modular design of our systems with baseboard and CPU module

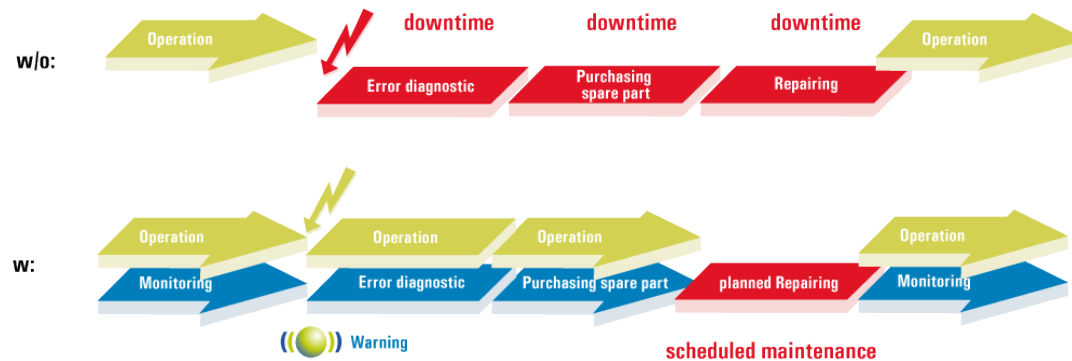
Made in Germany

Why tci



PreVision Control

examines permanently all relevant system parameters and informs the user immediately if any risk of breakdown occurs.



Product Overview - Building Automation



pureKNX



ambiente



contatto



luna in EPG or UPG

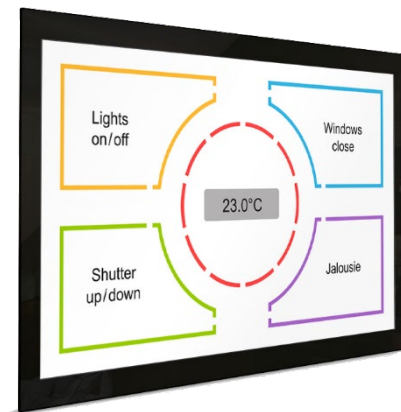


luna in APG



luna in KTG

Simple and Ingenious – Easy Smart Home



pureKNX-Trend 10

Compatible Control Concept with easy smart home

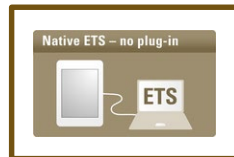
- KNX touch switch
- noble design
- intuitive operable
- can be installed flush in the wall

Highlights - pureKNX

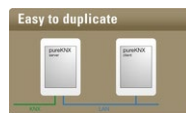


The Simple Introduction of Building Technology:

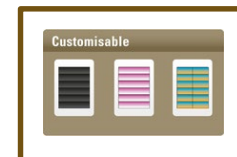
- for ETS-programmers
- parameterizable in native ETS dialog, no plug-in
- only 1x programming - multiple using:
 - load the app to your smart phone
 - smartphone will automatically find the pureKNX
 - ready for immediate use
- Usage of the app via Wi-Fi and internet
- optional with door communication



Ø engineering



by user



second project

Highlights – New pureKNX

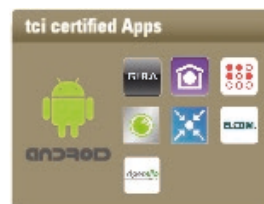
- new design
- integrated user management
- bicolor LED for signaling different states
- temperature sensor
- optional: digital input and digital switch output



Highlights – New luna

- bicolor LED for signaling different states
- integrated room temperature sensor
- integrated intercom
- software interface for bicolor LED, I/O and temperature sensor
- optional: digital input, e.g. for storey call button, digital switch output

luna	VI	PC
7"	✓	-
10"	✓	✓
16"	✓	✓
22"	✓	✓



Highlights – New ambiente



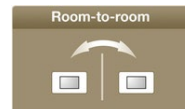
ambiente Design Touch

- modern processor hardware
- full HD display
- frameless glass front with multitouch
- timeless Bauhaus design

Highlights – contatto

VoIP – Voice over IP Communication with IP standard

- door communication
- security (alarm camera, video control)
- room-to-room communication
- available for luna and pureKNX-Trend



Innovation – solo and solo+

Room Controller

- elegant design with a frameless real glass front
- latest browser technology
- anti-theft installation
- brightness sensor to control the light intensity
- individual surface for an unmistakable design

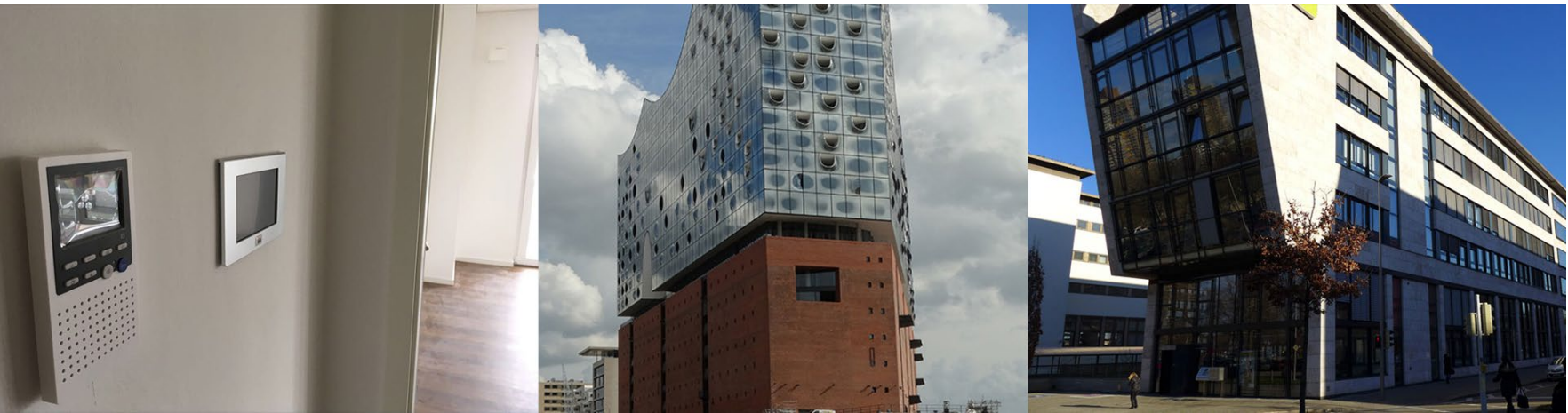
Discover [right here](#).



solo

solo+

Installations & References



Installations & References

luna16 for Therapy and Regeneration

- management of cold chambers for therapy
- three cold chambers measuring minus 10, 60 and 110 degrees are cooling the body down step by step in order to reduce symptoms
- a maximum stay of three minutes



Reference: icelab – thermal bath “Spessart“

Installations & References

ambiente15 as Visitor Management System

- room reservation
- visitor management system
- news ticker
- RFID for access control



Reference: Fraunhofer Institut

Installations & References

7" Touch System - Latest Technology in the Hotel

- oldest Hotel in Saas-Fee
- 28 rooms
- light and multimedia package



Reference: The Dom – Hotel in Switzerland

Installations & References

ambiente - Exclusivity in Dubai

- six bedrooms
- more than 400 data points
- integration of surveillance cameras

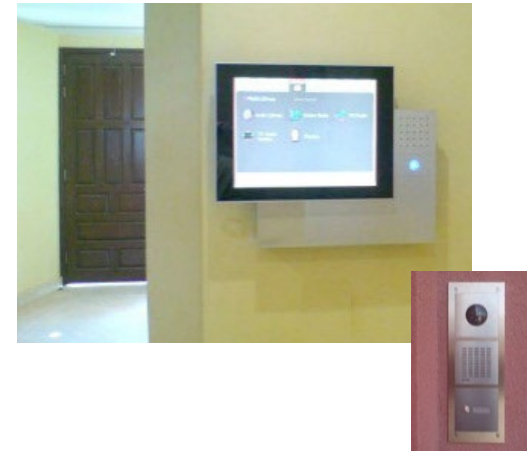


Reference: Dubai – luxury villa in Emirates Hills

Installations & References

ambiente15 in Luxury Mansions of a Building Project

- shutter
- heating
- weather station and records of meteorological data
- lighting
- alarms and fault signals
- multimedia functions



Reference: “King Abdullah Economic City” in Saudi Arabia

Installations & References

Pleasant Lighting due to ambiente

- in Riad, Jeddah and Ahasa
- 15 colleges + three administration buildings
- lighting control



Reference: Saudi Arabia – „King Saud bin Abdulaziz University for Health Sciences“

Installations & References

Luxury Comfort because of luna

- touch panel for quad client
- two-storey penthouse flat
- functions (among others): air conditioning; reacts to weather conditioning through adjusting shutters and awnings; video monitoring & intercom; monitoring of the whirlpool
- four luna touch panels for KNX based building control



Reference: Konstanz, Lake Constance

National Partners in Germany



**Ingenieurbüro
Beyer**
Sauerbruchstr. 39-41
Liegnitzer Str. 10
24537 Neumünster



Energieeffizienz-Zentrum
Justus-von-Liebig-Str. 4a
24537 Neumünster



Purrath Systeme
Lange Straße 14
04103 Leipzig



NAT Neuberger Anlagen-Technik AG
Kopernikusstraße 27
85221 Dachau



**Landwehr
Elektrotechnik**
Brunnenallee 111
32257 Bünde

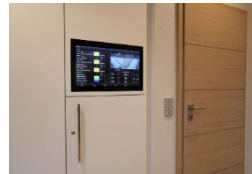
National Partners in Germany



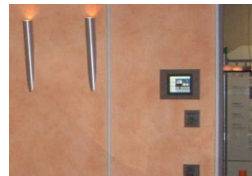
Thomas Langer KNX-Systemtechnik
Augustinusstraße 11c
50226 Frechen



Christmann Automation GmbH
Marienbader Straße 1
65597 Hünfelden



CASAIO - smart buildings
Ignatius-Gropp-Str. 2
97261 Güntersleben



MOSTER
Bliesstraße 9
67059 Ludwigshafen



electroplus Hammel Inh. Jürgen Hammel
Bahnhofstraße 5
55494 Rheinböllen

International Partners



Futurasmus KNX Group



Oy Merilux Ab



Eibshop Greece LTD



ECA Technologie;

Ergo Design & Technology GmbH/srl



Panoutron



Elektronabava d.o.o



DHAS



AV Stumpfl GmbH



Armada Company Ltd.



Pericom AG



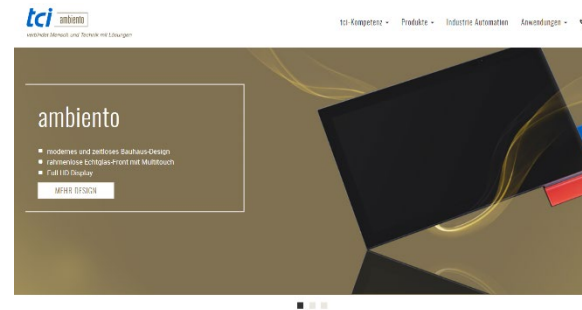
Greentec Automation

You are Welcome

Showroom
Heuchelheim
Germany



Internet



Touchpanels für die Gebäudeautomation

Wie wir leben und arbeiten, hängt von unseren eigenen Ideen und Visionen ab. Mit Kreativität und Leidenschaft entdecken die Ingenieure und Designer von tci schnelle Touchpanel-Systeme für die Gebäudeautomation. Ob ambiente, plusHD360, tango PC und SE (Android), oder Web-Farastis – immerhin: Sie sind für unseren sehr hohen Produktstandard in verschiedenen und neuen Bereichen.

ambiente.de

**Thank you
for your attention.**