



**tc**i ambiente

*solutions connecting people with technology*

# A new function and design experience

## Inventing the digital tomorrow

The digital transformation changes the way we live, the way we reside and the way we work. More and more services fulfill the residents' individual desires and make the smart home an indispensable assistant. Routine tasks are proceeded automatically or interactively by a voice control system.

We focus on the value in use, the design and the interoperability of our touch panels. With creativity and passion the engineers and designers of tci invent solutions in which people take center stage.

Immerse yourself in the fascinating world of modern building automation and implement modern and smart solutions with touch panels and servers from tci.



Dipl.-Ing. Michael Böck,  
Managing Director

### Industrial Computers

Made in Germany

In our Industrial Computers division you will find intelligent solutions with a unique level of reliability for industrial automation applications.

[www.tci.de](http://www.tci.de)



NEW



## New design + technology

### Be excited by the new frameless genuine glass front of tci touch panels

Without an incommoding frame the glass front embodies stylish elegance – modernity and timelessness at its best.

### As flexible as your surroundings

- classically into the wall with built-in box
- modernly flush with the wall with built-in box for flush mounting
- flat in front of the wall with surface-mounted housing
- with pedestal as table device

### As innovative as your solution

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



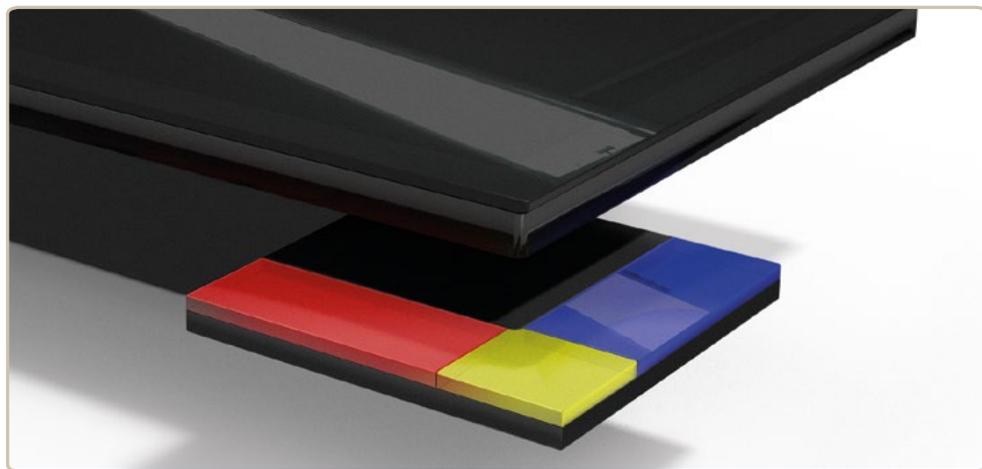
# ambiente design touch

NEW

## Back to the roots:

You can look forward with us to the new edition of the ambiente design icon – in a new design and with even more brilliance. The elegance characterized by the first ambiente combined with modern display- and processor hardware is what defines it – the new ambiente.

- modern and ageless Bauhaus design
- frameless genuine glass front with multitouch
- 16 inch display with full HD resolution
- current CPU generation
- screwless construction



## Stylish all-rounder for building automation

luna offers technology and design at the highest level.

- design multi-touch with continuous glass surface
- timeless in black
- Android or PC

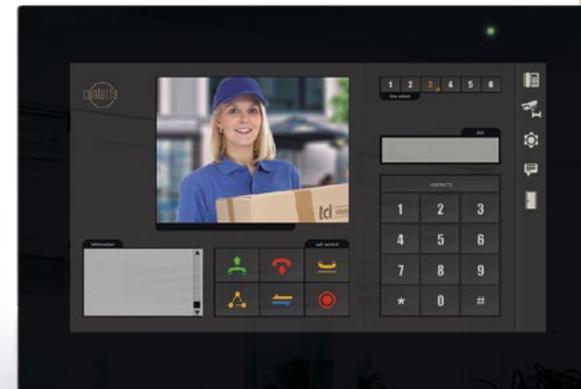
### Why to use Android in building automation?

- significant price advantage compared to PC-based systems
- familiar operating philosophy, everyone knows it
- much easier to maintain than a PC
- enormous range of affordable apps
  - many apps for building automation
  - particularly for visualization and communication
- lean hardware - low energy consumption



luna	VI	Android	PC
7"	✓	–	–
10"	✓	✓	✓
16"	✓	✓	✓
22"	✓	✓	✓

Unique:  
flush into the wall



# Simple and ingenious - easy smart home

NEW

## The right combination of switch and menu

Complicated is in the past. With the totally new easy smart home control concept, the smart home can be controlled simply and intuitively.

- can be individually adapted to people and life situations
- frequently used functions are directly available
- can be integrated into existing KNX installations

This enables simple interaction between KNX components such as switches, motion or presence detectors. Whether for families, the elderly, children or public facilities, with easy smart home, you can implement individual operator control concepts in the twinkling of an eye.



pureKNX-Trend16  
pureKNX-Trend10  
pureKNX-Trend7



## The only touch that connects both things

- [1] With the surface generator you create your KNX visualization with no cost and effort.
- [2] At your request, you can freely design NX-visualization with an appropriate editor.

## The only touch that connects both things

- [3] Whether in the wall or mobile - at the same time an absolutely identical user interface.

- parameterized in native ETS dialog, no plug-in
- parameterize only once - repeating use: mobile operable by smartphone app
- WLAN and Internet
- with door communication optionally

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

NEW



[1]



[2]



[3]

## 2 in 1 – Control and door communication via IP

In the middle of the action: Use your tci touch panels for the (door) communication, audio and video. And simultaneously you control the entire house.

### contatto connects

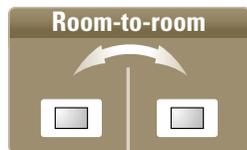
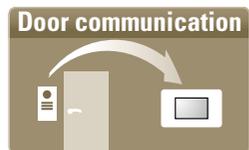
contatto puts you right where the action is. Use your tci ambiente touch panels now to integrate audio and video communication via VoIP/SIP and video streaming. This opens up totally new possibilities to make your home even more secure, more convenient and more efficient.

- door communication with  

- security (alarm camera, video surveillance)
- room-to-room communication
- video conferences, Skype, VoIP
- available for ambiente, luna, aluna und iluna
- all at once concurrent with the building control  
 pureKNX, Elvis, Gira, Berker, ...

NEW

- storey call
- controlling the bicolor LED of touch panels



## contatto door communication

### contatto connects

We integrate systems of almost all manufacturers in your building system. The following manufacturers have been successfully certified: **Mobotix, Siedle, TCS, Baudisch, Schüco, among others.**

# Product overview

## ambiente

Touch panels for on-the-wall installation for building automation

- glass touch
- elegant design
- performant hardware



## pureKNX

The easiest entry into the KNX visualization – can be operated from any place in the world

- for ETS-programmers
- parameterized in native ETS dialog, no plug-in
- only 1x programming – multiple using
- WLAN and Internet



## contatto

One touch for two worlds - building control and (door) communication

- Access to various door stations like Mobotix, TCS, Siedle, Schüco, Baudisch,...
- Same time open to building control with pureKNX, Elvis, Gira, Berker,...



## Web panel

Touch panels for web-based building visualization and controlling

- high performant microbrowser
- for KNX and common PLC control systems
- noble design and economical entry



## luna - the ideal touch for any situation

Ultra-flat touch panels

- PC and Android
- design multi-touch with continuous glass surface
- 7" to 22" in 16:9
- flush-mounting installation



- table device with sophisticated design



- design oriented touch panel for gallery mounting, e.g. on face concrete



# Projects & references

## Energy management in student apartments



The students of the Masdar institute in Abu Dhabi have their consumption values always at a glance. Each of the 221 flatlets is equipped with a 7 inch touch panel. The touch panels show the current consumption of hot water, cold water and cooled water as a web visualization. The central web server communicates via OPC with the building control, which is based on BACnet.

## Hotel thrills with tradition and technological comfort



TheDom, the established hotel of Saas-Fee, shines in a new brilliance. Within the expensive renovation all 28 rooms were equipped with a 7-inch touch panel as a central information and operating device. The guest can control the lighting by selecting scenes, switch individual LED spots directly, control the audio playback and request weather information.

## Light scenes in the Elbphilharmonie



The 10 inch luna system as PC version controls light scenes in various hall areas. Colors can be set individually by means of a color picker and saved as light scenes. The building automation has been implemented by Dirk Beyer (engineering office Beyer – building and system technology). The comfortable touch control and the white design of the luna as well were decisive for the use.

## Luxury, convenience and comfort at Lake Constance



In a two floors penthouse apartment four touch panels of mura series fulfill the advanced demands of the residents. In combination with the Gira Quad client the KNX based building control is visualized and operated by the luna touch panels. Video surveillance, door communication and weather-dependent control of the blinds are included. The client appreciated particularly the flush wall installation of the touch panels.



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