



Feel the touch

**tc***i* ambiente

# A new function and design experience

## Simply easy

The way we live and work depends on our own ideas and visions. The engineers and designers at tci employ all of their creativity and passion to develop stylish touch panel systems for building automation. Whether you choose ambiente, mura or amena – you expect nothing less than perfect functionality coupled with a unique timeless design.

It's a good thing when everything is controlled by well thought-out technology. It's even better when a touch panel blends in harmoniously with your interior decoration. But it's simply perfect when you can operate everything easily and just by intuition. Step into the world of modern building automation and implement modern energy-efficient solutions with touch panels and servers from tci.

### 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.

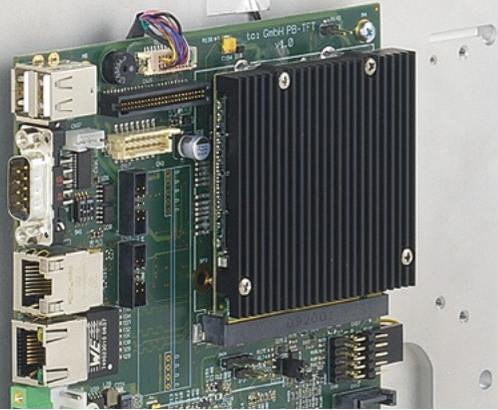
[www.tci.de](http://www.tci.de)



[ Michael Böck ]

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## Reliability and extremely long durability

The modular design of our systems including the tci baseboard and CPU module provides you with an extremely reliable, cableless system set-up that comes with a long service life.

## Individual solutions – tailor-made for your home

Experienced tci engineers develop tailor-made solutions based on your ideas and meet the highest demands on design, functionality, quality and reliability.

## PreVision Control

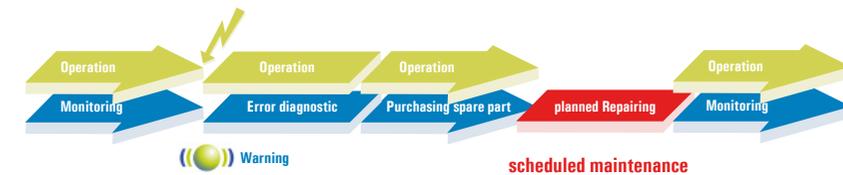
“Prevention is better than cure” – what is good for people also applies to computers in building automation. Our intelligent Condition Monitoring PreVision Control continuously monitors all relevant system parameters. The system is designed for maximum availability as it is equipped with a **prediction feature** that warns about imminent failure. It also has a **remote diagnostic** function.



## System **without** Condition Monitoring



## System **with** Condition Monitoring



# Product overview

## pureKNX

NEW

The easiest entry into the KNX visualisation: Parameterised quickly – can be operated from any place in the world

- For ETS-programmers
- Parameterised in native ETS dialog, no plug-in
- Only 1x programming – multiple using
- Wi-Fi and Internet
- Optional with door communication



## luna

NEW

ultra-flat touch panels

- Android or PC
- Design multi-touch with continuous glass surface
- 7", 10", 16" or 22" in 16:9
- Flush-fitting installation



## iBiento

16" multitouch with excellent performance and low energy consumption

- Sophisticated design
- Desktop unit
- Maximum 11 W power consumption



## contatto

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

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



## ambiente

Design-oriented touch panel PCs for gallery mounting and building control

- Numerous design variants
- Elegant aluminium housing
- High performance with Intel ATOM CPU



## mura

Ultra flat touch panel PCs

- 16:9 or 4:3
- 10", 15", 16" or 19"
- Flush-mounted installation



## sospeso

Touch panels for on-the-wall installation

- Design touch panel to mount on the wall, e.g. on fairfaced concrete
- With brushed aluminium surface
- 16:9 Widescreen, 10" and 16"



## Server

Universal server PCs in various designs

- Rugged and long service life
- From compact to 19" rack
- From Intel ATOM to Core i CPU
- logico-hs consumes only 4 watt

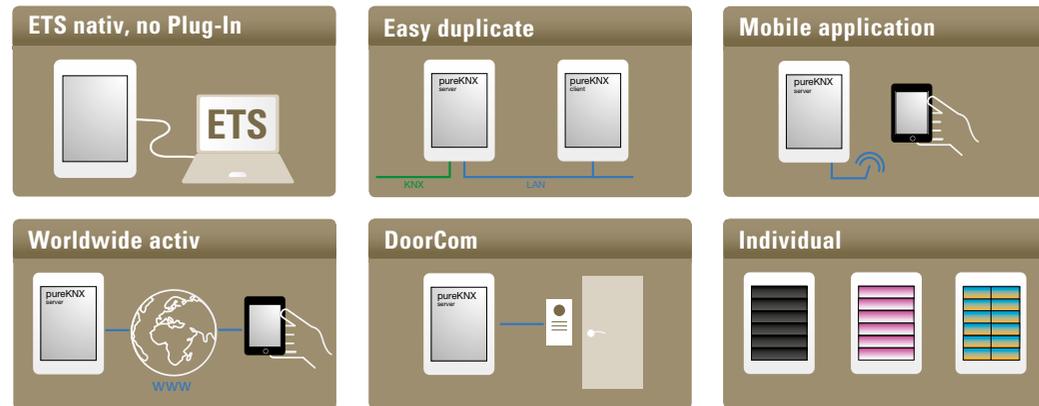


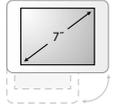
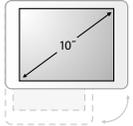
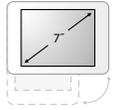
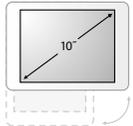
NEW

## The future is in your hands

The easiest entry into the KNX visualisation:  
Parameterised quickly – 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:
  - Load the app on your smart phone
  - Smartphone will automatically find the pureKNX
  - Ready for immediate use
- Wi-Fi and Internet
- Optional with door communication



	Display size	Mounting	Possible operating system
<p>pureKNX-Base7</p> 		Built-in box for flush mounting (EPG)	Embedded
<p>pureKNX-Base10</p> 		Built-in box for flush mounting (EPG) Built-in box (UPG)	Embedded
<p>pureKNX-Trend7</p> 		Built-in box for flush mounting (EPG) Built-in box (UPG)	
<p>pureKNX-Trend10</p> 		Built-in box for flush mounting (EPG) Built-in box (UPG)	

## pureKNX - Base and Trend, what are the differences?

### Base

- Optimized in price and performance
- Resistive touch
- Built-in box (UPG)
- Selectable front

### Trend

- Glass and multi-touch
- Based on Android
- Design
- Built-in box (UPG) or built-in box for flush mounting (EPG)
- Open for more App's: Door communication, weather forecasting, ...

	Display size	Mounting	Possible operating system
<p>pureKNX-Base7-BSC</p> 		stand-mounted unit	Embedded
<p>pureKNX-Trend7-BSC</p> 		stand-mounted unit	



## Stylish all-rounder for building automation

luna offers technology and design at the highest level. Now also with Android.

- Design multi-touch with continuous glass surface
- Flush-fitting installation
- Android or PC

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

### Why Android using in building automation?

- Significant price advantage compared to PC-based systems
- Confided operating philosophy, everyone knows it
- Much easier to maintain than a PC
- Enormous range of affordable apps
  - Many apps for building automation
  - Particularly for visualisation and communication
- Lean hardware - low energy consumption
- Launcher password protects against faulty installation by the end user



[ fast mounting ]



[ Flush-fitting installation ]

## Clever all-in-one PC in exciting design

This is how good excellent performance at low power consumption can look like – nevertheless a fully fledged PC with user-friendly multitouch operation.

### Sophisticated design prepared for everything

It is difficult to believe that the functions of numerous appliances such as alarm clock, remote control, light switch, intercom system and weather station can be performed by only one compact touch panel. The iBiento shows how every possible convenient and security function can be integrated – from operating functions at home or audio and light function control in conference rooms to comprehensive convenience offers in hotel rooms.

- Desktop unit
- 16" multitouch screen
- Power-saving high-performance Intel ATOM processor
- Single cable – easy power supply via Power over Ethernet (PoE)
- Cable-free baseboard technology
- WebCam optionally
- Communication with tci contatto



[ iBiento16 with real glass multitouch ]

please also  
see page 11  
pureKNX-BSC



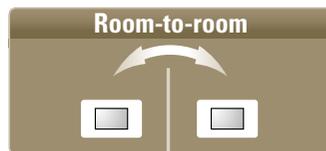
## 2 in 1 – Control and door communication via IP

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 are 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 
- Security (alarm camera, video surveillance)
- Room-to-room communication
- Video conferences, Skype, VoIP
- Available for ambiente, mura, amena, sospeso and iBiento
- All at once concurrent with the building control Elvis, Gira, NXA, Berker,...



### contatto door communication

#### contatto connects

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

# 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 actual consumption of hot water, cold water and cooled water as a web visualisation. 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.

## Convenient lighting control in a church



A mura19 provides comfort and a pleasant lighting in a church. The 19-inch touch display offers sufficient screen space for displaying the extensive technology of the historical building. Thanks to the white front frame in real glass, the mura19 fits harmoniously into the building. The control itself is realised with a Gira Home Server 4 in conjunction with KNX and Dali.

## Luxury, convenience and comfort at Lake Constance



In a two-floor penthouse apartment four touch panels of the 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 mura 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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