

Efficient central light control
for branch organisations
TC 649 E & C control box



The smart control centre for your lighting and other applications



Do you operate a branch organisation such as a grocery store or fashion chain, or a company with various locations like airports and industrial companies? Then your lighting is usually controlled at each individual location. This may make sense in some regards as varying lighting concepts might be required owing to different public holidays in different regions, changes to working times or Sunday opening times. At the same time, however, this approach is inefficient and expensive, as each branch has to call in a technician if they need to make any changes.

Thanks to the Theben TC 649 control box, you can now manage these challenges from a central location. The control box is a weekly timer which can be integrated into the LAN and provides Astro functions and special programs incl. yearly functions. This allows you to transfer light control programs and functions from your company control centre to defined device groups. The ability to control each relay remotely is a great advantage. It couldn't be easier, quicker or more efficient.

Would you like to be able to respond remotely in order to – for example – change the opening times of a car park or modify a lighting time? Then the solutions featuring the TC 649 E (IT network available) or the TC 649 C (via GSM router) are perfect for you.



Secure operation in the company network TC 649 E control box

The TC 649 E control box is integrated into the company network via VPN. This enables you to operate your control boxes in the secure environment that you already use successfully.

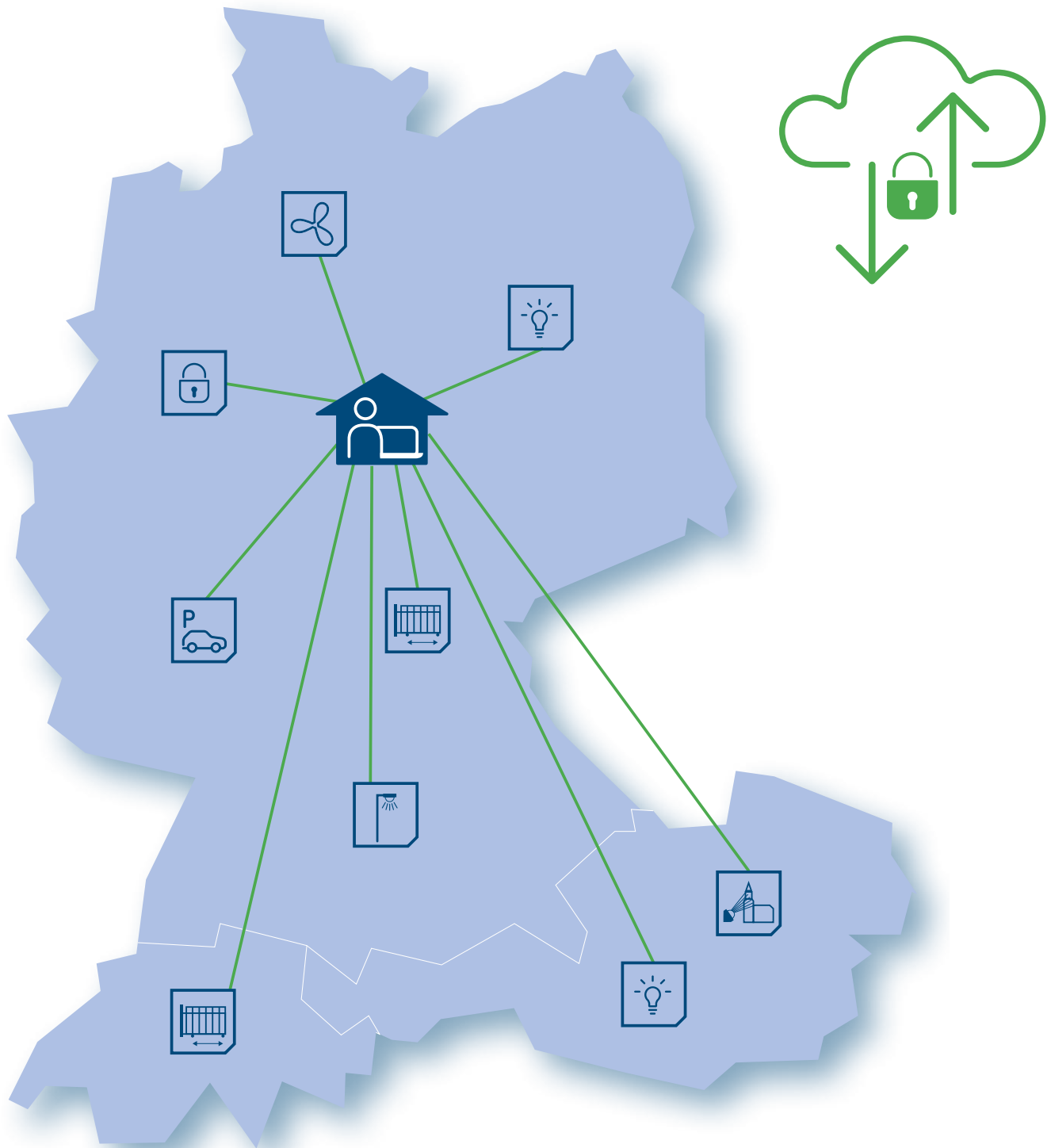
Secure remote access (via cloud) TC 649 C control box

The cloud-enabled version of the control box allows you to access your systems via Theben cloud (server located in Germany). The connection is established via GSM router.

Secure connections

Via VPN tunnel in the company LAN

Via cloud (server located in Germany)



You can find further information at
www.theben.de/tc-649-en/

Central control made easy

TC 649 control boxes

Overview of versions & functions

- **TC 649 E**
Connection via VPN for individual applications.
- **TC 649 C**
Connection via cloud via VPN or GSN for individual applications.
- **TC 649**
The control box uses the VPN connection to send programs to different locations simultaneously.



TC 649 E control box
Company network (VPN)



TC 649 C control box
Cloud-enabled



Reduced costs

Make changes, e.g. opening times, in just a few minutes – without expensive staff resources.



Maximum investment protection

Access your program pool at any time via the central storage and continue to use previously created programs.



Increased exposure

Participate in high-publicity events such as the WWF Earth Hour to promote your company's sustainability measures.



Always up to date

Thanks to the update option, you can always keep your software up to date.



Highest level of security

With the central control, you can protect your different lighting systems against tampering.



Quick installation

The control box is installed easily via plug connections.



Less energy consumption

Only switch on the light when you really need to and reduce your electricity costs.

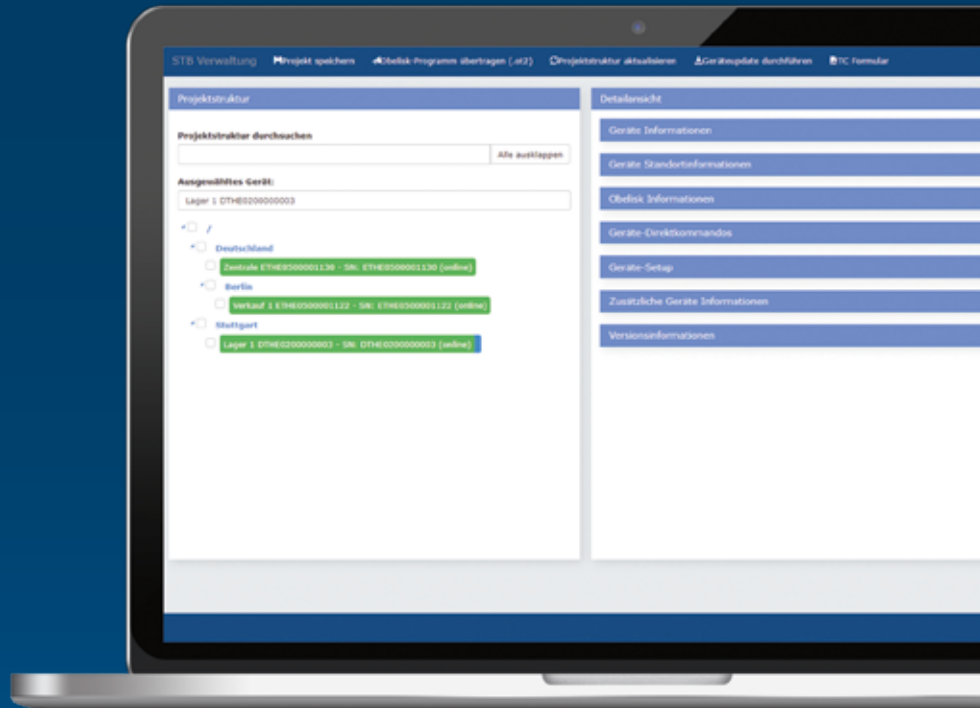


Greater flexibility

Control your lighting flexibly for individual locations or groups in different places at the click of a mouse from your control centre, e.g. for Sunday trading.



TC 649 control box
VPN, group function



Easy programming
of the group function with the TC 649 control box.

	TC 649 E	TC 649 C	TC 649
Digital/astronomical time switch with weekly program and annual program	X	X	X
With integrated web server for easy installation	X	X	-
App (iOS, Android)	-	X	-
4 channels	X	X	X
Individual application	X	X	-
Group application "Send program to all devices"	-	-	X
Central management software	-	-	X
Communication via	VPN	Cloud Server located in Germany	VPN
Item number	6490130	6490430	6490330

Theben is member of:



Digital Illumination
Interface Alliance

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