

Touchless Biometric Systems

Software integration between C-CURE 9000 and the biometric technology leader from Switzerland



Benefits of the TBS – C-CURE 9000 integration:

- The user database is synchronized to the TBS subsystem automatically. Only biometric data must be enrolled using TBS software.
- User management is fully managed through C-CURE: operators can use the familiar GUI
- Clear division of tasks:
TBS readers authenticate users,
C-CURE handles access authorization
- Highly secure data storage: digital templates instead of images & template encryption
- Reader design with timeless aesthetics
- Use different biometric technologies within an installation: the fitting reader for each door
- Connect unlimited number of devices across a single installation covering multiple sites
- Access to the newest biometric technologies: TBS is your biometrics center of competence
- Flexible operation modes for every door:
Up to 20'000 users in identification (1:N)
Up to 200'000 users in verification (1:1)

System Integration

Software House and TBS offer you a ready-to-install system combining the best of two worlds: Access Control & Biometrics

TBS Biometric Subsystem

Software House is extending its access control platform with the high performing and scalable biometric subsystem from TBS. This software architecture enables to add biometrics on system and infrastructure level rather than on single device level.

Software House customers can now add biometrics to their Access Control projects very easily: managed from a single platform, while continuing to use C-CURE as front-end.

How the integration works

C-CURE 9000 and the TBS WebEdition server software are integrated using web services. Any user change in the C-CURE master database is automatically synchronized to the TBS subsystem via the TBS SyncTool.

Once enrolled, biometric user data are stored only in the TBS server database. The TBS server ensures automatic data synchronization of user data to all devices on the network where the user has access privileges. If a user is deleted, the user's biometric templates and access rights are removed. During operation, the TBS server collects all access events from the connected devices.

By abstracting from the biometric details, the TBS approach integrates biometrics to C-CURE on a higher level. Installers and operators do not need to care about details of the biometric implementation, instead they can focus on data management. TBS acts as an independent biometric subsystem by hosting all biometric information and processes.

Why C-CURE 9000 with TBS?

Despite being integrated, C-CURE 9000 remains the leading access control solution and GUI for the customer. There is no need to learn a new system.

The TBS biometric solution can easily be added to the existing infrastructure (network, server) of the customer, saving costs and installation time.

Countless customers - including leading banks and governmental institutions - rely on the highly secure data storage and transmission of biometric data within the TBS infrastructure.

Thanks to this universal approach customers can select from a wide range of biometric devices and technologies, and combine multiple technologies (e.g. fingerprint and iris) in a single installation.



Connected Partner Program

3D Hand imaging



3D FLY

3D Finger Imaging



3D TERMINAL



3D ENROLL

2D+ Finger Multispectral



2D+ TERMINAL



2D+ TERMINAL HEAVY DUTY



2D TERMINAL



2D ENROLL

2D Finger Capacitive



2D TIME



2D PORTABLE

2D EYE Face + Iris



2D EYE THERMAL



2D EYE

Peripherals, Server & Controller



3D TAILGATE



MINI SERVER



SMART CONTROLLER+

The broadest portfolio of biometric technologies

TBS supplies the world's most reliable and versatile biometric recognition portfolio. TBS is known as the inventor of the 3D touchless finger scan, the world's most accurate fingerprint capturing sensor introduced in 2010. Since then, several distinctive new biometric technologies have been added to the portfolio: The 2D capacitive fingerprint sensor offering very fast recognition; the 2D+ multispectral sensor suitable for harsh environments and capable to read even fingers with smoothed down surfaces; the 2D EYE capturing iris biometrics. The latest innovation 3D FLY scans the user's hand on-the-fly and is thus perfectly suited for speedgates.

This broad portfolio of readers offers you the best fitting solution for every type of installation.

Responsible Biometrics

The user biometrics registered during enrollment are instantly converted into a digital biometric template. This process is irreversible, it is impossible to recreate the original finger or iris picture from the template. In addition, each template is encrypted using a device specific encryption key, meaning each device holds its own unique version of the biometric database, making it impossible to use data from one device to compromise another biometric reader. TBS offers advanced security options like custom server certificates and installation specific authentication keys for the readers to make the system fully tamperproof.

TBS stands for exclusively consent-based biometrics. Users can trust that our devices offer no risk of passive surveillance.

TBS makes it happen

TBS readers are used primarily in Government, Finance, Health, Critical Infrastructure, Facility and Hospitality. In Access Control they guarantee personalized & traceable access, in Workforce Management they provides safe & verifiable work process or true & accurate time recording. We are the biometric experts capable to translate your special project needs into smart and working solutions. Contact us with your project specifications.

About TBS

TBS is the leading biometric solution provider and inventor of the 3D biometric terminal. Its Swiss products and solutions are designed to suit the needs of enterprises of any size or industry. TBS is the specialist behind the world's largest security integrators and countless resellers providing biometric expertise, products, and solutions in Access Control and Workforce Management.

TBS has expanded its worldwide reseller network to more than 40 countries by equipping several thousand installations in some of the most prestigious verticals and facilities throughout the world.

For more information, please visit www.tbs-biometrics.com/en.

