Dexion Dynamic Locking Range - Gold Level

SMArt Devices

TZ SlideHandle™   TZ SwingHandle™   TZ Lock Box™

Product overview

The Dexion Dynamic Lock Range offers users three distinct levels of locking, each with varying connectivity, security and functionality options. Gold level locking is a RFID technology solution which offers comprehensive security, with the flexibility of tailored connectivity and functionality, aligned with the practices and workflows of your business. Dexion understands the importance of a locking solution that fits your business rather than a lock system your business has to fit.

Gold level locks utilise the only Shape Memory Alloy (SMA) actuated locking device in the world. This digital locking device has an embedded microchip with integrated sensing and integrated switching capability. It is light weight, more efficient and consumes less power than similar products. The intelligent nature of the lock introduces unique connectivity and functionality capabilities within a reliable and compact lock.

Gold level lock solutions provide peace of mind through comprehensive Security and Auditable Access Accountability and is supported by locks which comply with information privacy principle regulations NPP4 or IPP4, and by inclusions such as multi colour LED door status indication, alarms, user access audit trails, activity reporting, manual key override, third party product integration. Audit trails also remain intact even if cables are cut between the lock and the system, and will upload when the connection is re-established.

Users swipe their RFID smartcards on readers to operate the lock/s associated with their user credentials. Options for a concierge portal, touchscreen interface and smartphone app interface allow the user experience to be tailored to the application. Gold level locking solutions are based on a choice of three connectivity options; integrated, networked, and standard to suit your environment and application.

Gold level locks can be fitted to Dexion's Strata 2 Tambour Door Cabinets and Agile Locker Range. They can also be used in place of traditional aisle locks, or the main unit lock on Dexion's Freetrack 2/Mekdrive 2/Multibay 2 Compactus. While Gold level locking is ideally fitted during installation, it is possible to retrofit the system to these existing Dexion products.

Gold level lock solution combine the strength and global reach of Dexion Australia with our lock technology partner TZ Limited.

NB: TZ limited is an Australian company listed on the ASX with a proven track record for high performance and reliability. The NASA Tech Brief Publication awarded the TZ locking system "Product of the Year" in 2005.

Product Applications

Strata 2 Tambours	TZ SlideHandle™
Agile Locker Range	TZ LockBox™
Freetrack 2 - Manual Compactus*	TZ SwingHandle™
	TZ SlideHandle™
Freetrack 2 - MekDrive 2 Compactus*	TZ SwingHandle™
	TZ SlideHandle™
Multibay 2 Compactus*	TZ SwingHandle™
	TZ SlideHandle™

*All Compactus® units have the option of either unit locking or asile locking

Integrated

Gold level 'Integrated' locking can utilise a live connection to your BAC system (Building Access Control) and/or Microsoft Active Directory system, ensuring live information is provided to the locks via the local security system and asset manager (lock software). Maintenance and service is performed via the TZ centralised server software. User connectivity typically includes a touch screen interface/s in addition to the common RFID card reader. The touchscreen delivers users with an unequalled versatility during system operation and removes the problems and expense associated with multiple concierge functions which are typically performed by administrators. Touchscreens are also used as a communication/promotion medium while the screen is not being accessed by users. Gold level Integrated locking provides full system administration functions including aggregated user access audit trails and activity reporting, tiered administrator rights and multi-site operation applications.

Feature summary

- Live data and user credentials reporting via BAC (Building Access Control) or MS Active directory.

- TZ centralised server software and can manage over 10,000 locking devices in total (250 per controller).

- Full audit trail and fully aggregated reporting (Auditable Access Accountability).

- Optional touchscreen interface for flexible user interaction and reduced administrator involvement.

- Optional smartphone app interface.

- Optional push notification to user on delivery of item through locker mail slot.

Networked

Gold level 'Networked' locking can utilise a live connection to your BAC system (Building Access Control) and/or Microsoft Active Directory system, ensuring live information is provided to the locks via the local security system and asset manager (lock software). Maintenance and service is performed via the TZ centralised server software. User connectivity is via a common RFID card reader for quick and easy operation of the lock/s associated with the user's credentials. Gold level Networked locking provides full system administration functions including aggregated user access audit trails and activity reporting, tiered administrator rights and multi-site operation applications.

Feature summary

- Live data and user credentials reporting via BAC (Building Access Control) or MS Active directory.

- TZ centralised server software and can manage over 10,000 locking devices in total (250 per controller).

- Full audit trail and fully aggregated reporting (Auditable Access Accountability).

- Optional smartphone app interface.

- Optional push notification to user on delivery of item through locker mail slot.

Standard

Gold level 'Standard' locking includes connection to the asset manager (lock software). There are a number of options for supplying data/user credentials to the system including the use of a SMTP site (Simple Mail Transfer Protocol); for dynamic operation through a live connection refer to 'Integrated' and 'Networked' options. User connectivity is via a common RFID card reader for quick and easy operation of the lock/s associated with the user's credentials. Gold level Standard locking provides user access audit trails and activity reporting via lock groups.

Feature summary

- Operated as standard by RFID authentication.

- Standalone system with software asset manager that includes audit trail and reporting by individual controller (PC).

- Options for data and user credentials supplied to the system including SMTP (Simple Mail Transfer Protocol). For live system data options please refer to 'Integrated' or 'Networked' options.

- TZ centralised server software that manages up to 500 locking devices in total (70 per controller).

⊘**DEXION**®
Smarter thinking.

Gold level lock technical specifications

SMArt Lock Solution Features
The only Shape Memory Alloy (SMA) actuated locking device in the world

Locks

- Choice of TZ Slide Handle for cam lock applications and TZ Swing Handle for lock rod applications.

- Comply with information privacy principles regulations NPP4 or IPP4.

- Have an embedded microchip, integrated sensing and integrated switching capability.

- Light weight, compact, efficient and reliable.

- Very low power usage relative to common electro-mechanical lock devices.

- Multi-colour LED door status indication via external sensors.

- Alarmed.

- Manual key override.

- Third party product integration.

- Housed in a compact, easy to mount lock box.

- Surface mount design.

TZ SlideHandle™

Lock solutions

- Easily tailored to suit your business work flows and practices.

- Connects into RJ45 infrastructure with standard patch cables which are plug and play, providing power up to 100metres for large installations.

- 3rd party product integration.

- Optional concierge portal.

- Optional touchscreen interface.

- Optional smartphone app interface.

TZ SwingHandle™

Asset manager functions (administrator software)

- Status indication.

- Reservation functions.

- User access audit trails (audit trail remains intact even if cables are cut).

- Activity reporting.

- Alarm.

- Concierge Facility (optional).

- Adjustable time delay from card swipe to lock re-engagment.

- Low level locker allocation only for disabled staff.

- 3rd party integration status.

TZ Lock Box™

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