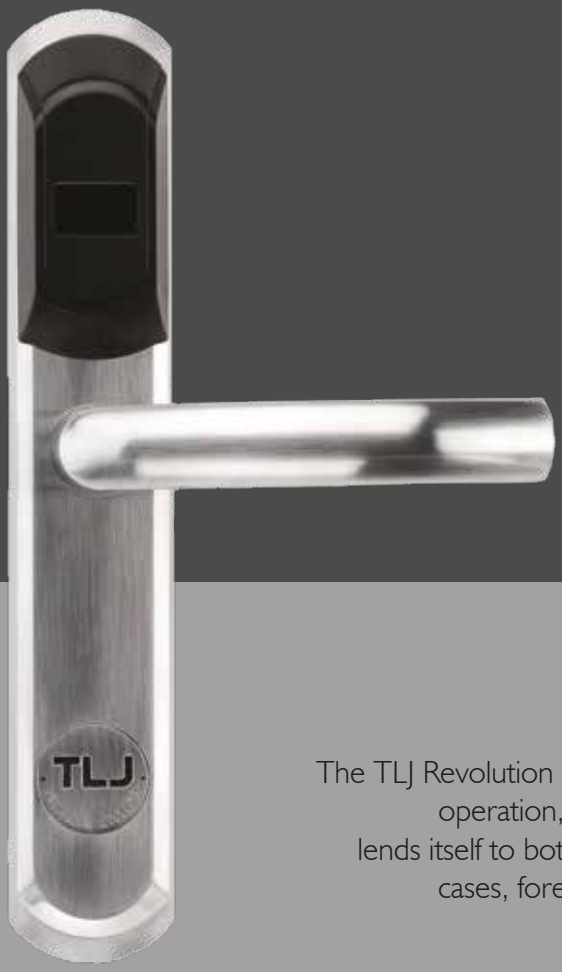
TLJ SECURITY SYSTEMS

Electronic Locking Solutions

Revolution

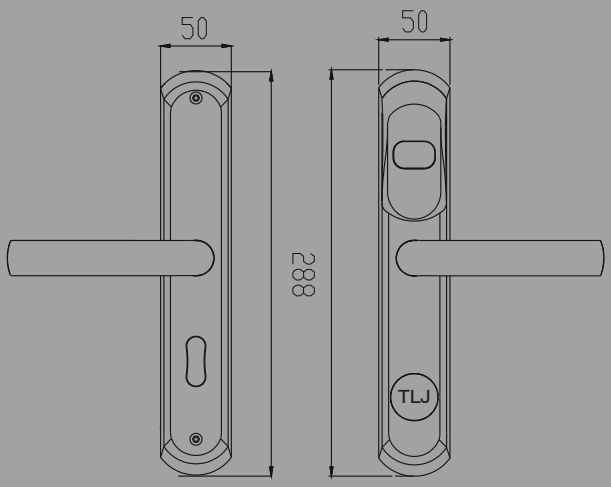
RFID lock set



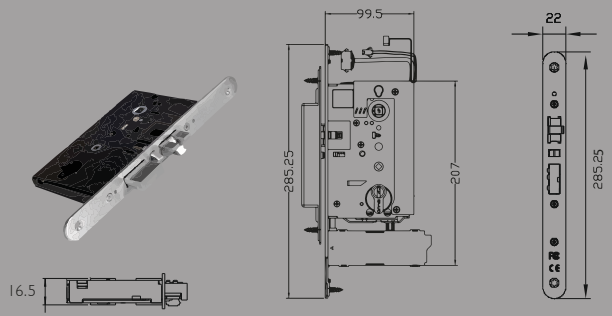
The TLJ Revolution lock set utilises RFID technology to offer seamless 'contactless' operation, enhancing convenience and ease of use. Its slim, sleek design lends itself to both new and refurbishment projects - a varying selection of lock cases, fore ends and keep plate options aid a simple upgrade from older mechanical and mag-swipe systems.

Applications:
Hotel, spa resort & Leisure complex
Student accommodation & University campus
Residential accomodation
Commercial office block

Features:
High security & tamper proof design
Security deadbolt for guest privacy
Emergency one action egress from inside
Latch alarm for improper door closing
Fire rated
Smartphone compatible



Lock Case:



European 60mm Back Set, radial fore end

TLJ Security Systems, 68/78 Leads Road, Hull, East Yorkshire, HU7 0BY, UK
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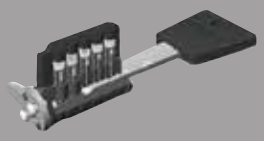

Low Maintenance:

Upto 3 years in battery life (4 x AA)
Low battery alert & reserve battery
Self-diagnostics for fault finding
British daylight-saving compatible
Lock ID & lock time/date not erased during battery change
Inproper closed door alarm
High security cylinder, with ID - keyed alike/suited to specific site, included as a standard feature for emergency use only. Usage is recorded in lock audit

Colour Finish Options:

Stainless Steel
Brushed satin chrome

Zinc Alloy PVD
Brushed satin gold

Audit/Data trial function:

The lock set has the ability to store 1000 transactions of which token (card, fob, wristband, mechanical key etc) opened the door at what time & date. In addition the lock set also records when the door was opened from inside. The audit trial can be retrieved from the lock by any of 3 methods; audit trial 4K key cards, TLJ Hand held programmer, or via TCP/IP with TLJ Connect ALMS.

Accreditations:

EN 14846:2008 - Electromechanically operated locks & striking plates
EN 50371:2012 - R&TTE, low-power human RF exposure & european EMC, LVD directive

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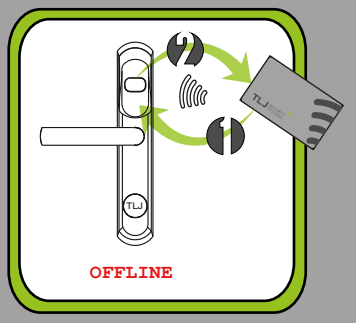
connect by TLJ

TLJ Connect ALMS (Accommodation Locking Management System) is a cutting-edge platform for access control. The 'game changing' concept is to bridge the gap between offline and online locks in terms of functionality and cost. Utilising "write-back" technology, TLJ Connect allows offline hardware to communicate with online hardware, and in turn the managment PC.



1. Access privelages stored on the key card (token) are read by the lock set

2. The lock uses "write-back" technology to transfer information from the lock set back on to the key card (such as low battery alerts & Audit Record i.e. whic card opened the lock set and when)

3. When that same key card is next used on a wall reader, aka "*hotspot*" the reader reads 2 sets of information:
   i) Access privelages to gain entry through the door (just like when it was presented at lock set)
   ii) Information collected from when the key card was used previously on 'offline' lock sets (e.g. the Audit records and any Low battery warning)

4. A "Hotspot" wall reader is 'Online' which means it is connected to the local TCP/IP computer network....so communication both from and to a "hotspot" is in real-time (live). Hence the information collected by a wall reader, from a key card, is transferred to the TLJ Connect ALMS software. Ultimately, an offline lock set can now communicate with the PC without the traditional need to be online, and thus the associated costs of expensive equipment required with online hardware (i.e. Network points, WiFi repeaters etc)

	Offline	Online	*TLJ Connect*
Audit Record	Yes, retrieve at lock	Yes, retrieve directly in ALMS	Yes, retrieve directly in ALMS
Low Battery Alert	Yes, alert at lock	Yes, alert at PC in ALMS	Yes, alert at PC in ALMS
Cost	Low	Very High	Low
Update access privilages	Yes, card/fob retrieve & reissue in ALMS	Yes, send update directly, no card/fob required	Yes, send update directly, no card/fob required
Cancel access	Yes, scan 'cancel' card to all locks	Yes, send cancel command directly from ALMS	Yes on Hotspot doors, send cancel command directly from ALMS
Remotely Open Door	No	Yes from within ALMS	Yes Hotspot doors, done from within ALMS
Emergency Lock Down	Yes, scan 'stop' card to all locks	Yes directly from within ALMS	Yes on Hotspot doors, directly from within ALMS

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