

 Multiplexing

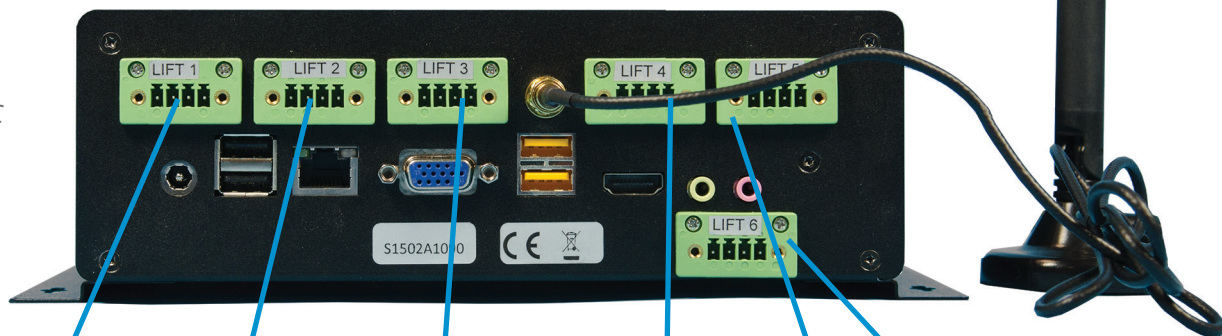
ELECTRICAL COMPONENTS



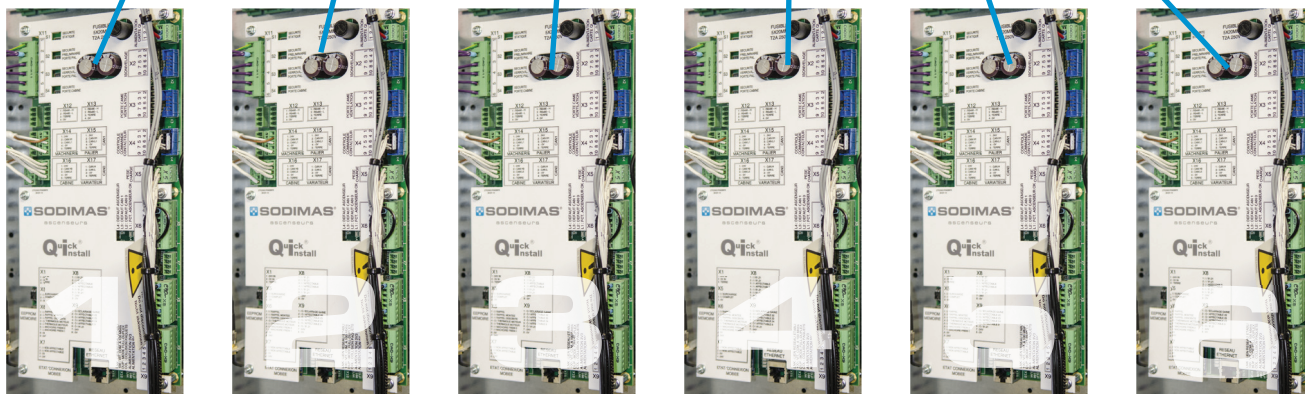
Multiplexing **Quick Install®**

The Multiplexing system can provide collective control for a battery of two to six lifts fitted with the **Quick Install** control cabinet.

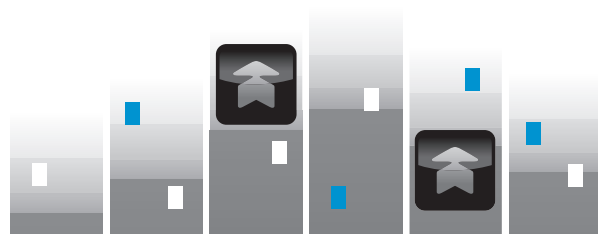
Dispatcher PC



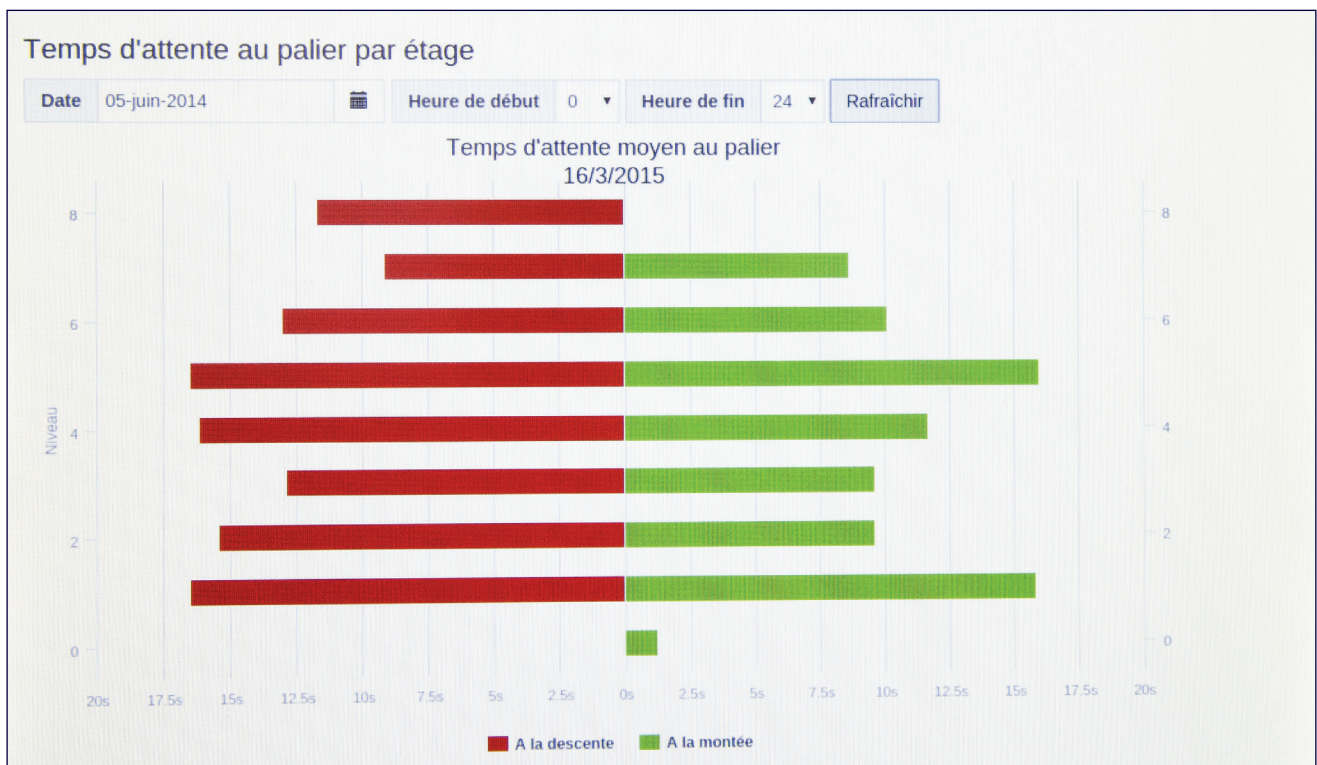
Control system
Quick Install



Lifts



The considerable calculating power of the call dispatcher PC, combined with specially developed control algorithms, provides real optimisation in the management of lift traffic.



For operation, the ergonomics of the system provide very good flexibility of adjustment for the various parameters such as: supervision, choice of performance criteria, statistics and communication (local, remote, Wi-Fi, etc.).

Supervision



Equipment

DISPATCHER PC

with colour
touch screen

OR

without screen
WIFI



Recommended configuration for lifts with machinery

Characteristics

- 15-inch colour display
- Resistive touch screen
- Steel housing: L 408 x H 57 X D 265 mm
- Basic consumption: 27 W
- IP41 - Front panel IP65



Recommended configuration for lifts without machinery

Characteristics

- WIFI
- Steel housing: L 204 x H 67 X D 186 mm
- Basic consumption: 10 W
- IP41

Common characteristics

- Power supply: 230V 50 Hz
- Intel dual core processor
- 60 GB of SSD memory
- 2 GB of RAM
- 1 Ethernet output
- Operating temperature 0 to 50°
- Wall mounting
- Connection: One cable only between the PC and each QI
- maximum of six lifts

Common features

- Control and management of two to six lifts
- Local or remote viewing and programming
- Dynamic supervision; maintenance, manual or automatic zoning, performance modification
- Lift wear and power consumption management
- Access by different levels (installer, administrator, expert, etc.)
- Interactive control panel

Status

Description de la batterie	
Numéro d'affaire	XXXX
Nom du bâtiment	Sodimas
Adresse du site	Sodimas
Description du site	Pont de l'Isère rue Ampère
Version	Multiplex v1.0-150316(RC)

Etats des ascenseurs	
Ascenseur A	Déconnecté
Ascenseur B	Disponible
Ascenseur C	Hors batterie

Indicateurs : Evaluation sur un mois	
Critère de performance	Valeur
Temps d'attente moyen des usagers (AWT) au niveau principal	10 s
Temps d'attente moyen des usagers (AWT) sur tous les niveaux	19,28 s
Temps de trajet moyen des usagers (ATT)	16,81 s
Temps de traitement moyen des usagers (AJT)	36,09 s
Temps de parcours nominal (NTT)	0 s

Derniers événements	
2015-03-16 16:22:41 - (Ascenseur C) - Ascenseur entre en mode: Hors Batterie	
2015-03-16 16:22:19 - (Ascenseur A) - Changement état ascenseur: Déconnecté	
2015-03-16 16:20:38 - (Ascenseur B) - Changement état ascenseur: Disponible	
2015-03-16 16:20:38 - (Ascenseur C) - Changement état ascenseur: Disponible	
2015-03-16 16:20:38 - (Ascenseur A) - Changement état ascenseur: Disponible	
2015-03-16 16:11:59 - (Ascenseur A) - Changement état ascenseur: Monitoring	

The product is based on an open protocol industrial quality universal design, which guarantees that the installation will be reliable and durable (transposable system).

DDS option (Dispatch Destination System)

DDS is the landing pre-destination control system. Traffic optimisation is based on the principle of grouping together the largest possible number of users with the same destination in the same car.

This system is very efficient in managing traffic and rationalising movements. The DDS uses the same PC supervision equipment as the conventional collective multiplexer.



Operation

1



Enter your destination.

2



Receive the allocation and location of your car.

3



Go to the car allocated.

4



Enter the car; the pre-destination display indicates the floors that will be served.

5

The lift takes you to your floor in a car that is not over full and therefore more comfortable, at the same time reducing journey time due to there being fewer intermediate stops.

Traffic handled more rapidly than with standard collective control (fewer intermediate stops, managed destinations).



Passenger flows rationalised



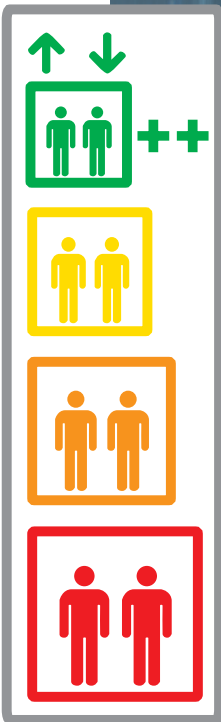
Waiting in the entrance hall organised



Increased comfort from the car being less crowded



Flexibility in use and possibility of hybrid operation (DDS/collective).
Priority car programming, accessibility, authorisations, etc.



Greater energy efficiency by optimising journeys.

EFFICIENT - IN - THE - FUTURE - FLEXIBLE

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