

TRANSIT & AIRPORT AUTHORITIES PRODUCT LINE

ELEVATOR & ESCALATOR CONTROLLERS

AUTOMATISATION JRT IS SETTING STANDARDS

TRACTION ELEVATORS

HYDRAULIC ELEVATORS

ESCALATORS

DISPATCHER

EMERGENCY POWER SYSTEMS

MONITORING SYSTEM

LIFE CYCLE SERVICE



JRT IS SETTING STANDARDS

TRANSIT & AIRPORT AUTHORITIES DEDICATED PRODUCT LINE

ROBUST, RELIABLE, FLEXIBLE. That's what users expect from the public transit systems they use every day. And it's what Transit Managers should be demanding from their elevator and escalator suppliers.

But a lack of standardization in the Transit market sector has slowed the adoption rate of new features and best practices in this otherwise forward-thinking environment.

To address this situation, we've developed a product line dedicated to the needs of the public transit industry that capitalizes on our more than 35 years of experience in the elevator industry and over 15 years of public transit projects.

Designed to answer the needs of high-volume, high-peak installations that need to minimize downtime and maintenance costs, we make things easier for everyone involved in the design, construction and maintenance of elevator and escalator projects in Transit & airport facilities. Our controllers make things easier.

FEATURES

- ROBUST: INDUSTRIAL-GRADE COMPONENTS
- RELIABLE: PRODUCT AND SERVICE
- FLEXIBLE: CUSTOMIZABLE OPERATION
- NON-PROPRIETARY CONTROLLERS
- PLC-BASED CONTROLLERS
- HMI SYSTEM EMBEDDED
- 24/7 SERVICE TEAM
- 2 YEARS WARRANTY AVAILABLE

THEY CONTROL ELEVATORS AND ESCALATORS WITH AUTOMATISATION JRT

- BOSTON - MBTA
- NEW YORK - MTA
- PHILADELPHIA - SEPTA
- SEATTLE - SOUND TRANSIT
- AMTRACK
- TORONTO - TTC - YYZ
- MONTREAL - STM - EXO - YUL
- OTTAWA - OC TRANSP0
- VANCOUVER - BCRTC
- CALGARY - CT
- QUEBEC - YQB



PERFORMANCE. RELIABILITY.



TRACTION ELEVATOR CONTROLLERS

THE JVF SERIES

The **JVF Series** controllers are designed to minimize downtime and maximize reliability, no matter the scale of the project, from single car, platform-to-platform systems to multi-car, long-run, battery-powered systems.

Our products are made from heavy-duty, industrial grade components, that were chosen based on accurate engineering calculations, reliability and reputation from leading industry manufacturers. Components are readily available off the shelf from original manufacturers and major suppliers.

JRT approach makes possible for owners and end-users to save money by avoiding costly frequent and unnecessarily modernizations and replacements of control systems, that inherent to most of the proprietary equipment and to controllers with engineered short life cycle.

For comparison, JRT provides reliable performance of controllers for outstanding lifespans, intended for mechanical systems with heavy-duty cycle loads in harsh environment known from many Transit Systems.

We maximize your product ownership and enhance your freedom to operate.

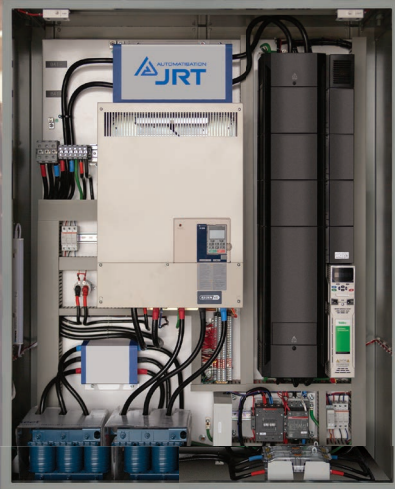
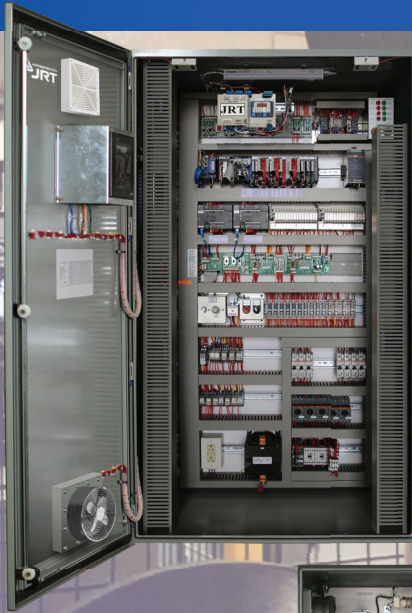
SPECIFICATIONS

CONTROL	VVVF/AC GEARLESS/MRL
SPEED	UP TO 1000 FT/MIN
CAR GROUP	6/DISPATCHING
VOLTAGE	208V-600V
POWER	UP TO 150 HP
CONDITIONS	0-45 C, 90% RH
COMPLIANCE	ASME17.1/B44 TSSA APPROVED
MONITORING	COMPATIBLE WITH END-USER/OWNER MONITORING NETWORK
COMMUNICATION	MODBUS, BACNET
SECURITY	PASSENGER ENTRAPMENT DETECTION
EMERGENCY	FULL LOAD MULTI-TRIP OPTIONS
ENCLOSURE	NEMA 12, 4, OR 4X (304 OR 316)
ENERGY SAVING	LINE REGEN SYSTEM

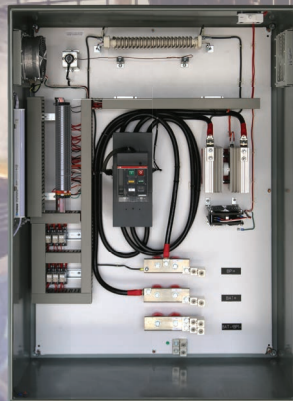
Easy access to quality-of-life features



EASIER FOR EVERYONE.



**Embedded Interconnection
Emergency Power**



**Emergency Power
Interconnection Panel**

HYDRAULIC ELEVATOR CONTROLLERS

THE JHD SERIES

Looking for a NON-PROPRIETARY controller? Try our **JHD series** controllers for Transit & Airport authorities designed around a generic PLC (Programmable Logic Controller).

Think maintenance work should be simple? We agree! Our HMI systems include step-by-step test support, advanced diagnostic software and pinpoint error location. Make maintenance as smooth as your ride!

Several motor starter types (across-the-line, wye-delta, soft-starter) and positioning system options (magnetic cams, steel tape with magnets, perforated tape) make this flexible controller a perfect fit for any project.

The controller's components are available from Automatisation JRT or from your local distributors.

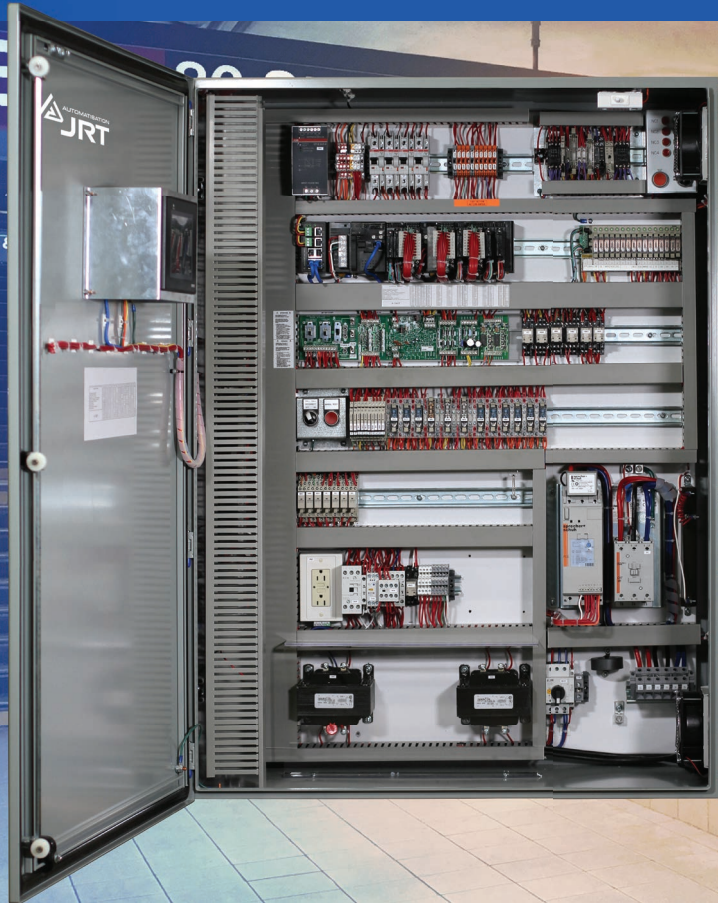
SPECIFICATIONS

CONTROL	SOFT START, VVVF
SPEED	ANY FOR HYDRAULIC
CAR GROUP	6/DISPATCHING
VOLTAGE	208V-600V
POWER	UP TO 150 HP
CONDITIONS	0-45 C, 90% RH
COMPLIANCE	ASME17.1/B44 TSSA APPROVED
MONITORING	COMPATIBLE WITH END-USER/OWNER MONITORING NETWORK
COMMUNICATION	MODBUS, BACNET
SECURITY	PASSENGER ENTRAPMENT DETECTION
EMERGENCY	FULL LOAD MULTI-TRIP OPTIONS
ENCLOSURE	NEMA 12, 4, OR 4X (304 OR 316)

Packed full of options and special sequences generally used.



MAINTENANCE AS SMOOTH AS YOUR RIDE!



ESCALATOR CONTROLLERS

THE JEC SERIES

The latest generation of **JEC series** controllers have been specifically developed for typical Transit & Airport Authority's AC motor driven escalators.

They are designed around programmable logic controllers. This type of processor is well-known for its reliability, durability and flexibility, allowing fast and simple programming.

This controller includes functions such as redundant processor monitoring, input signal monitoring and diagnostics, missing top and bottom step detection system, supervision and detection of out-of-sync handrails (left and right), onboard diagnostic circuitry.

Graphical HMI with ability to show parameters, configurations, fault history, sequence of last detected faults, etc. that occurred during escalator shut down is available for escalators with dedicated machine room or limited control space.

A low-voltage remote control system is also available with short-circuit detection and many other features.

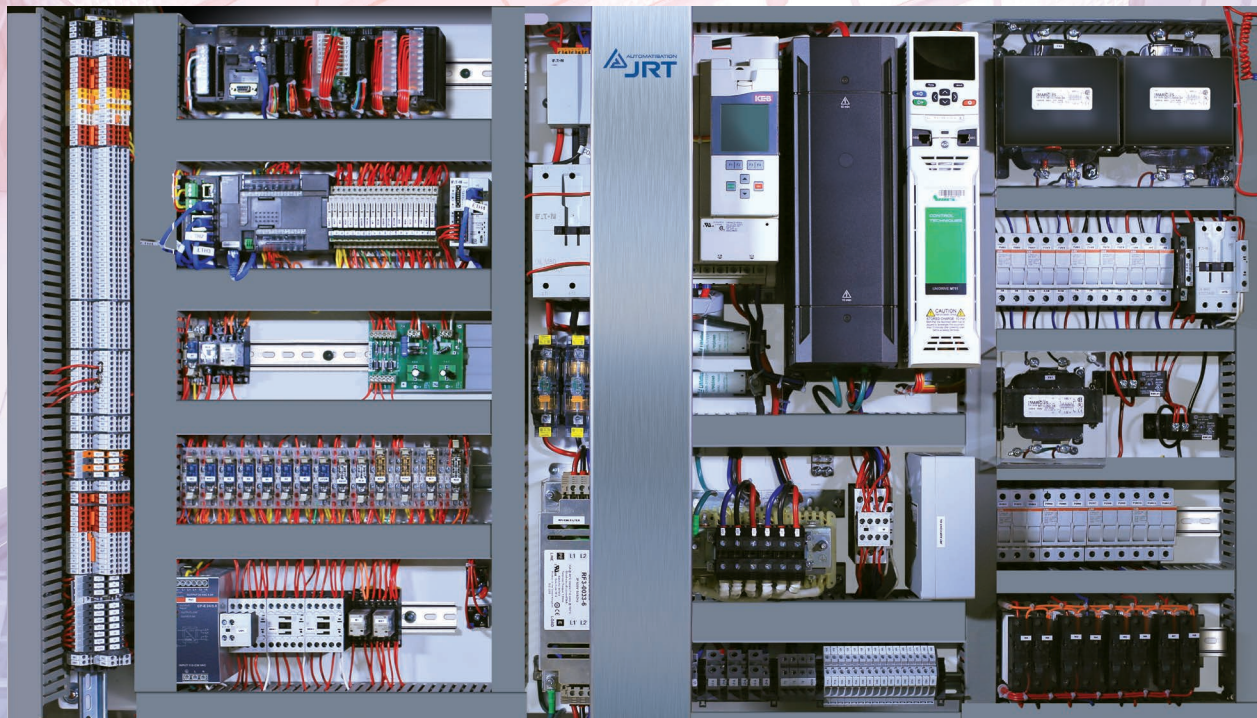
SPECIFICATIONS

CONTROL	VVVF
SPEED	ANY FOR ESCALATORS
VOLTAGE	208V-600V
POWER	UP TO 30 HP
CONDITIONS	0-45 C, 90% RH
COMPLIANCE	ASME17.1/B44 TSSA APPROVED
MONITORING	COMPATIBLE WITH END-USER/OWNER MONITORING NETWORK
COMMUNICATION	MODBUS, BACNET
SECURITY	PASSENGER DETECTION
ENCLOSURE	NEMA 12, 4, OR 4X (304 OR 316)
ENERGY SAVING	LINE REGEN SYSTEM STANBY MODES (SLOW-SPEED OR STOPPED)

As non-proprietary as it gets



AGILITY. STABILITY. DURABILITY.



DISPATCHER CONTROLLERS

THE JDP SERIES

The JDP calls distribution system can automatically optimize the call distribution of each group of elevators in real time. This reduces waiting times and improves the efficiency of the elevator groups.

The call distribution is the result of the analysis of each elevator's usage statistics. These statistics (time of opening and closing doors, travel time between floors, etc.) are continuously updated by each of the controllers.

Call distribution takes multiple parameters into account, such as car position and direction of travel, state of the elevator, current car load, the above-mentioned statistics, the number of waiting cars calls, the number of waiting hall calls, same-floor calls, travel time, performance, etc.

In addition, the JDP offers a two-tiered emergency mode. First, in the event of a dispatcher failure, each elevator controller will take responsibility of distributing calls within a predetermined zone. Then, should the network go down, each elevator will operate in back-up mode then in taxi mode in a pre-established pattern.

CHARACTERISTICS FEATURES

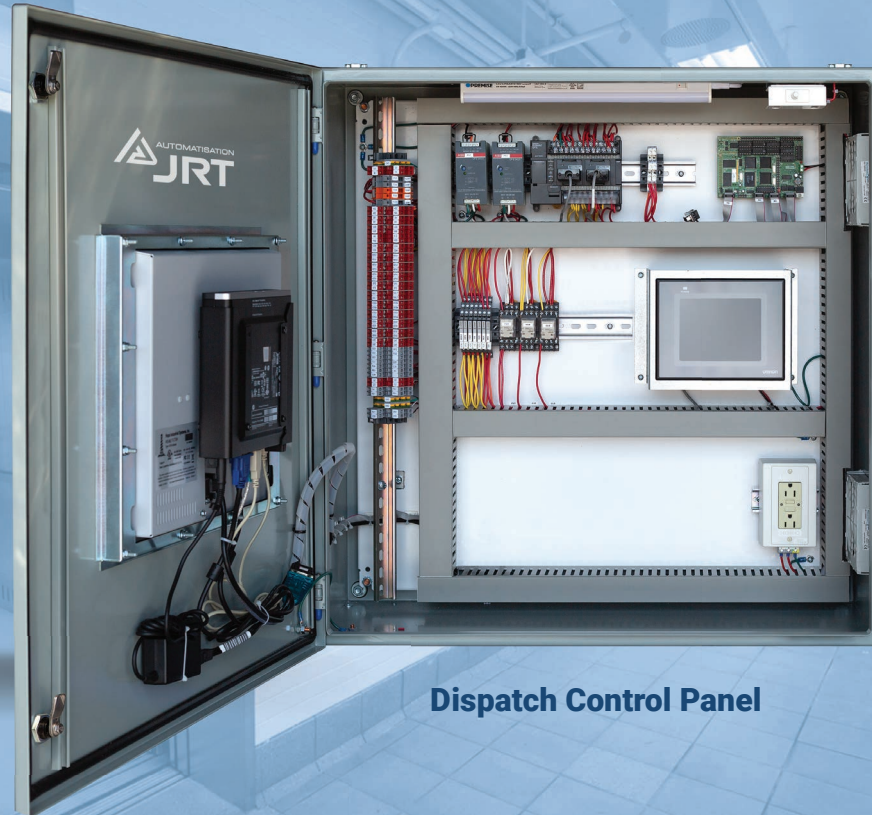
- 6-CAR GROUPS
- 64 FLOORS MAXIMUM
- MULTIPLE CONNECTIONS COMMUNICATIONS PORTS (ETHERNET OR SERIAL)
- TOUCH SCREEN COMPUTER FRONT-MOUNTED IN THE PANEL
- HMI SYSTEM EMBEDDED
- J-MON MONITORING SOFTWARE INTEGRATED
- AUTOMATIC ADAPTATION TO ALL TRAFFIC SITUATIONS (LIGHT-MEDIUM-PEAK)
- AUTOMATIC OR PROGRAMMABLE CALL MANAGEMENT DURING PEAK TIMES

OPTIONS

- EMERGENCY POWER SEQUENCE
- OTHER SPECIAL SEQUENCES AVAILABLE



FOR ELEVATOR GROUPS.



Dispatch Control Panel

EMERGENCY POWER SYSTEMS

MULTIPLE FULL LOAD TRIPS

Recent events have brought to light the limitations of typical vertical transportation systems when it comes to emergency evacuation large amount of people from stations and platforms in power failure scenarios.

We know nothing spreads maintenance teams thin like a power outage. Dealing with technical issues and worried users at the same time requires a lot of resources.

Based on multiple major design and installation experiences, Automatisation JRT is proud to propose a unique compact and safe emergency power system that can handle MULTIPLE FULL LOAD TRIPS during power outages.

For buildings and facilities where installation of emergency backup internal combustion generators is not an option, JRT design allows elevators to perform desired rescue operations of people to the designated floor from any direction of travel.

Send your users on their way and let your maintenance teams focus on the technical issues!

POWERFUL FEATURES

- HYDRAULIC AND TRACTION ELEVATOR MAY USE SAME FLEXIBLE PLATFORM
- PROVIDES ACCURATE STATE OF CHARGE FROM INTEGRATED MANAGEMENT SYSTEMS
- 10-YEAR WARRANTIES ON BATTERIES
- LOW HEAT DURING OPERATION
- NO GASSING; SEALED, MAINTENANCE-FREE DESIGN – HIGHER SECURITY;
- FLAT VOLTAGE CURVE MEANS NO CHANGE IN ELEVATOR PERFORMANCE THROUGHOUT DISCHARGE
- FAST CHARGING
- 20% SAVINGS IN ELECTRICITY COSTS TO CHARGE
- LIGHTER WEIGHT & 10X CYCLE LIFE VS LEAD ACID BATTERIES.



WHAT POWER OUTAGE?



ADVANCED ELEVATOR & ESCALATOR MONITORING SYSTEM



After more than 2000 successful installations, we challenged ourselves to redesign our first generation monitoring software from the ground up. The result is the **J-MON Web**, the fruit of years of experience in process control and software development.

With its outstanding level of flexibility, this next generation monitoring system is built to offer Software Divisions and IT personnel a much greater level of customization and control over their elevators and escalators.

Thanks to the latest in monitoring technology, **J-MON Web** can be tailored to fit any project.



FEATURING

- WEB & MOBILE ACCESS
- MULTI-PLATFORM COMMUNICATION
- MAP VIEW
- ALARM TRANSMITTER (VOICE, MAIL, REPORT)
- CONFIGURATION BY THE CUSTOMER
- MULTI-SITES ACCESS
- MULTI-USERS ACCESS
- REPORTING & ANALYSIS TOOLS
- DASHBOARDS, STATISTICS, GRAPHICS
- EVENTS REPLAY, DATA BACKUP
- LOCAL, SERVER OR CLOUD BASE
- MAINTENANCE TOOLS & REPORTS

J-MON Web integrates easily modern controllers from other manufacturers by establishing Modbus serial interface. For outdated controllers or when serial port is not available, JRT provides discrete and analog wiring interface designs.



WORK SMARTER. COMMUNICATE BETTER.



JRT LIFE CYCLE SERVICE



OUR CONTROLLERS ARE OFFERED WITH ALL-IN SERVICE & SUPPORT.
WE GARANTEE THE BEST LIFE CYCLE SERVICE EXPERIENCE.



FIELD SERVICE

- We offer 1st in class field service for initial installation, start-up, commissioning and maintenance.
- Our field engineers can provide assistance over the phone or on-site to help minimize elevator or escalator downtime.



24/7 SERVICE

- Day or night, you deserve the best. Our trained technicians are always ready to offer immediate assistance.
- 24/7 Service (418-871-6016).



TRAINING

- On-site or remote courses including customer-specific training documentation with practical training exercises.
- Training sessions can be tailored to your requirements to ensure your team knows how to best operate and maintain your JRT controllers.



MODERNIZATION

- Aim for tomorrow : We can help keep your controllers up to date, increase their efficiency and replace older controllers if necessary.
- We provide supports in the form of upgrades, modernization, individual advice and product/operation development.



SPARE PARTS

- Direct ordering with one of our team members via mail, telephone.
- Reduced downtime thanks to wearing analysis and optimized spare part kits.
- Local availability of parts thanks to non-proprietary design.
- Fast delivery for urgent cases.



SOFTWARE

- Our software support services include new installations, installation of product updates, migrations for major releases of software.
- This service includes an on-site or remote assistance for fixing bugs, resolving queries and developing new customized features.



MAXIMIZE OPERATIONAL AVAILABILITY.



AUTOMATISATION JRT INC.

ELEVATOR DIVISION

Founded in Quebec City in 1984, Automatisation JRT Inc. is recognized as the reference in North America for its controllers with programmable logic controllers (PLC), and software solutions.

Our flexibility allows us to tailor our elevator controllers to your specifications, and to offer you any special sequences you may need.

Our large product line, sold worldwide, distinguish themselves by their outstanding reliability and their easy installation and maintenance.

“ Our objective is to provide the most reliable, safe and flexible elevator controllers in the industry.

Our team is made up of qualified and passionate individuals who take the particular needs of our clients to heart.”

Rémi Rodrigue, Vice-President.



NOTABLE ACHIEVEMENTS ELEVATOR DIVISION



MONTREAL, - OLYMPIC STADIUM



MONTREAL CASINO



MONTREAL, - CHUM HOSPITAL



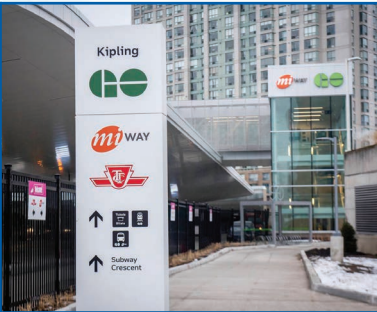
NEW YORK CITY - SUBWAY STATIONS
Multiple Subway Stations



DUBAI - BURJ KHALIFA



MONTREAL - AÉROPORT TRUDEAU



TORONTO - TORONTO TRANSIT
COMMISSION - Multiple Stations



AMAZON'S FULFILLMENT CENTERS
Multiple Sites



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ELEVATOR

INDUSTRIAL

WATER TREATMENT

SOFTWARE

SALES & DISTRIBUTION