



SOLUTION BROCHURE

Solutions for electromobility

LIO-Volta – Monitoring and dispatch of e-bus fleets



We make it easier to operate electric vehicles

With the innovative software solution LIO-Volta for the integration and dispatch of electric vehicles, ebblo has a pioneering product for efficient operations management. LIO-Volta offers transport operators valuable support for the widely varying aspects of daily operations. The diverse functions can be used alone or in combination, depending entirely on the needs and requirements of the respective company.

Monitoring and dispatch of e-bus fleets



We make it easier to operate electric vehicles



We enable the monitoring of energy consumption

The LIO-Volta cloud system assists dispatchers with optimum timetable-compliant operation and monitoring of the e-bus fleet. LIO-Volta allows for dispatch actions that safeguard the energy balance in the vehicles even in case of incidents.

LIO-Volta collects and compresses the energy consumption data of all e-buses in a transport company and archives the data according to the vehicle, outside temperature and the block that the vehicle has travelled with the corresponding topography.

The residual range of a vehicle is determined with reference to energy consumption predictions. These are calculated constantly on the basis of the recorded

data. In turn, the excess range indicates how much range will be left when the vehicle reaches the next charging point or the depot. It results from the difference between predicted residual range and planned remaining distance.

The dispatcher finds the information about their e-bus fleet in the usual representations of the control system, for example in the vehicle table, vehicle details or in the new charging point table. The control system gives the dispatchers early warning of any deviations from the planned values, i.e. insufficient range and energy reserves. This allows them to intervene and coordinate operations, with various functions available for reacting to deviations.

Our solution for your company

Dispatch of electric vehicles in one control system



Efficient

Integrated in ebblo's LIO control system for efficient working



Diverse

Diverse function packages and interfaces

Integrated depot management



Connected

Interfaces to the charging infrastructure



Economical

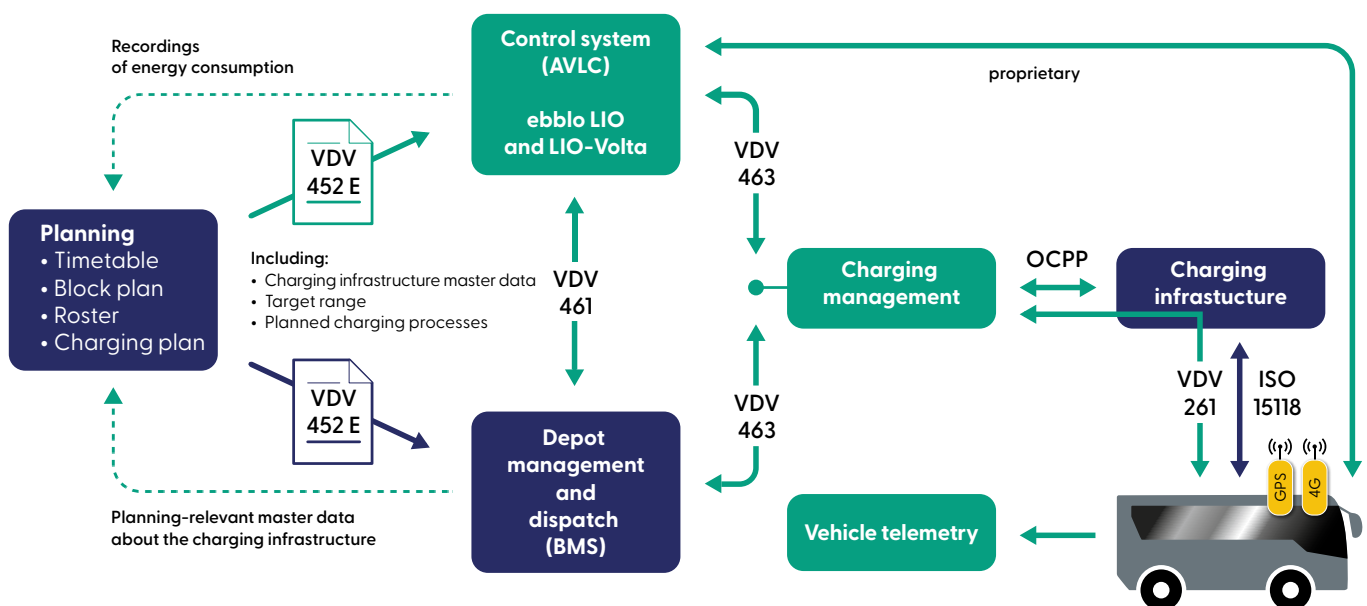
Dispatch of charging processes and maintenance

Highlights LIO-VOLTA

- Optimum operation of e-bus fleets
- Monitoring of energy consumption
- Residual range always in sight
- Alarm function in case of deviations



Standardising the system landscape





About us

ebblo helps public transport providers move confidently into the future. Our advanced Intelligent Transport Control Systems (ITCS) adapt as mobility evolves – powered by future-proof technologies and decades of expertise. We deliver robust, best-in-class solutions, scalable platforms and next generation architectures – ensuring flexibility, control, and security. Our solutions streamline operations, improve accuracy, and enable cleaner, faster, and more accessible and barrier-free networks – making public transport the natural choice for everyone. With proven reliability and transformative innovation, ebblo is your trusted partner for what's next.

ebblo is part of Modaxo, the global collective of people transportation technology companies within Constellation Software Inc. (TSX: CSU).

Ready for what's next?

Transform your public transport operations with innovation engineered for change.

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