



## LOGISHIFT

### AI-Driven efficient, reliable and coordinated planning/ scheduling of employees and vehicles.

LogiShift is a simple to use – yet powerful – system that enables coordinated programming of human and fleet resources. Visual tools empower planning staff to quickly and easily undertake resource programming, from long and short term planning through to daily operational management. Crucially, LogiShift serves as a planning safety valve, processing huge volumes of data in the background – work shifts, use of vehicles, choice of tracks, staff qualifications and contractual constraints – to ensure compliance and avoid costly planning errors.

### Key Benefits:

- **Efficiency and productivity:** Visual tools, streamlined data entry/flow, integration with infrastructure managers and mobile-ready applications all combine to significantly reduce manual effort for planning teams.
- **Compliance:** Serves as a safety valve to avoid costly planning errors.
- **Environmental:** By optimising services and eliminating empty trips, LogiShift saves hundreds of tonnes of CO2 each year.

## Functionality Highlights:

- Tight integration with SkillPlan (data related to employee exams, qualifications, line and locomotive knowledge) and MainTrack (preventive and corrective maintenance activities). All human and fleet information stored in a single location, effortlessly flowing through to LogiShift and the entire SoftRail solution, minimising data entry mistakes and workload.
- Integrates with infrastructure managers, enabling direct import of train paths for both freight and passenger rail; and financial information can be easily output for main payroll or external systems providers.
- Simple long-term planning for both human and locomotive resources.
- Significantly streamlines all aspects of freight operations, including commercial information and billing for freight services, and real-time communications with customers via an online portal.
- Mobile-ready for all users: drivers and other employees can view and manage shifts, holidays and hours worked. The system can be managed remotely, with high levels of automation throughout.
- Through the mobile app (Android and iOS) users can submit holiday, absence and shift change requests, expense reports and confirmation of shifts to be paid.
- Resources Optimiser module automates shift production for locomotives and people, reducing workload and ensuring maximum operational efficiency.
- Real time map shows train positions using live data from the European Common Interface, including details regarding any delays.

## Other Features:

- **Hotel Management:** Monitoring of bookings and automated email generation for hotel reservations and cancellations based on employee shift scheduling.
- **Billing:** Generate invoices based on contractual agreements and technical information stored in the SoftRail suite.
- **Customer Portal:** Monitor key information about trains. For example: delays, status, train of the day, etc.
- **Expense Report:** Record expense reports via the mobile App.
- **Time sheet:** View and modify all the final shift data via mobile App.
- **Holiday Request:** Request holidays and communicate unavailability via the mobile App.
- **Map:** Graphical visualization of the train route map, staff knowledge and geographic position of the trains in real time.

## FIND OUT MORE

**Softrail** is the premier solution crafted specifically for railway companies, proven to deliver **cost savings** through smart resource allocation, **enhanced safety** measures via predictive risk analysis, and a workforce empowered with **actionable, real-time insights**.

Visit us at [binarysystem.eu](https://binarysystem.eu) to find out more – and get in touch today to arrange a demo!