

Crew Management

An integrated and optimized management of your crew

Crew Management represents one of the major challenges faced by transportation companies in any industry, especially in railways.

Decision Making processes optimization relative to crews, including stops, operations, competency management, sizing and human aspects, is of utmost importance for business success. It should result in optimized and effective management of resources and assets, focusing on the best possible economic and human outcomes.

In order to help this industry's companies to leverage their results and precisely and intelligently manage their human assets, **CFlex** developed the **Crew Management**, a management solution in the state-of-the-art of technologic systems

Totally capable to be integrated to **Movement Planner** (Train Circulation Planning System), **Crew Management** allows its users to make decisions more quickly and accurately in different levels:

Strategic

- Better sizing and staff assembly;
- Scenario analysis and operational policies definition;
- Support for labor agreement foundation.

Tactic

- Short, mid and long term planning, allowing for visualizing in real time the asset utilization effectiveness.

Operational

- Application of best operational practices in a sustainable way, enhancing people capabilities;
- Response time reduction facing eventual scenario changes;
- Asset utilization optimization.

Ideal for utilization by passenger transportation companies (SBC – Schedule Based Companies) and cargo transportation (TBC – Tonnage Based Companies), Crew Management minimizes the number of necessary crews to cover the routes in a given period at the same time it maximizes the stops quality.

Crew Management features the following facilities, accessible through different, independent modules:

Sizing

- Decision-Making support for resources sizing and assembly.

Performance Management

- Competencies Management;
- Performance Evaluation;
- Training Management.

Planning

- Sizing;
- Request Management;
- Demand Management;
- Short, Mid and Long Term planning;
- Real Time planning.

Running

- Agreements management;
- Summons.

Follow up and Monitoring

- Performed stops capture;
- Gain opportunities and loss reduction captured in real time.

Appropriation

- Validation of performed stops;
- Consolidation of performed stops;
- Simulation scenario generation on planned or performed stops.

With a friendly and intuitive interface, **Crew Management** enables monitoring the whole operation, by providing text and graphic reports, as well as operational alarms.

With a modular architecture and being easy to integrate with external systems, **Crew Management** allows for a two-way communication and facilitates information transfer between different systems and bases.

FOR MORE DETAILED INFORMATION ON THIS AND OTHER CFLEX PRODUCTS AND SERVICES

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CFlex
Empower your Decisions