



IQTrackGeom – IT Cuts Lifecycle Costs

Tracks are exposed to many forces. Such loads are expected and taken into account in planning track geometry – while always seeking the greatest economy. Reliably maintaining target geometry is a critical factor in success. Ideally maintained tracks reduce the lifecycle costs of the entire rail network.

IQTrackGeom enhances efficiency in building and maintaining the rail network – by managing all tamping work within the network.

IQTrackGeom is the central data exchange for all target track geometries and tamping processes throughout the network. It ensures the design of track alignment. And that ensures economy.

The benefits at a glance:

- ☰ Reduces rail network lifecycle costs
- ☰ Supports processes: repairs and maintenance
- ☰ Interface with tamping machines and service providers
- ☰ Convenience, security and safety, quality and cost control
- ☰ Fewer line blockings and speed restrictions



Cuts operating costs

The physics of cost-savings

Only tracks with an optimally designed geometry minimise wear through use and thus maintenance costs. IQTrackGeom can record and prepare target geometry, keep this data current and documents any changes. With millimetre accuracy. Compatible with any interface. As a data exchange hub it 'speaks' every language, even those understood by tamping machines and the railway track engineers. And identifies locations on both line AND track.

Cost-savings are ensured through a high degree of automation and quality assurance. IQTrackGeom has been successfully used in infrastructure operations for decades.

Strategic benefits

Supports the maintenance strategy

Optimum lifecycle management contributes to overall business performance, amplifies strategic potential and enlarges management's options for intervening. With the help of IQTrackGeom, a target geometry database can be successively built to ensure full throughput capacity and high speeds in networks with heavy traffic.

Technical controlling

IQTrackGeom provides objective data that supports budget planning in track tamping work as well as related use and maintenance activities.

In brief

Speed restrictions, decrease of axle loads and line blockings can be minimised. IQTrackGeom is a tried and tested software system that ensures efficient repair and maintenance work.

Benefit from objective planning, quality assurance and control of lifecycle management of the rail network!

Our company: IQSOFT

Since 1999 IQSOFT has been developing innovative IT solutions that put our clients ahead of the competition. As its main focus, the company is dedicated to the digital transformation of enterprises responsible for infrastructure. Contact: For details about IQTrackGeom get in touch with us via sales@iqsoft.at or +43 1 812 12 320. IQSOFT – Gesellschaft für Informationstechnologie m.b.H. – 1120 Vienna, Schönbrunnerstraße 218 – www.iqsoft.at