



Iskratel SI3000 MPD (Multi-purpose dispatching terminal) Dispatching Suite for Industries

Key features

- Integration into communications networks in different industries
- Agregation of data, video and audio communications and extraction of the relevant information
- Optimization of working processes,
- Centralization of fault diagnostics and reporting system
- Redundant operations for networking, communications and power supplies

Nowadays dispatching communications play a crucial role in control rooms in most industrial environments.

Although many mission critical operations are automated, manual control by skilled operators is needed to perform accurate and safe operations. Existing dispatching systems collect lots of data from various sources, but with no system integration great effort is needed to extract information and provide an adequate response.

Iskratel's Dispatching Suite for Industry (DS4I) is designed to meet strict industry requirements for providing better productivity, safety and overall working environment for transport, energy and public safety sector. The main aim is to provide a single point of control for numerous processes, which are supported by systems for 24/7 operation.

ISKRATEL'S APPROACH

The Iskratel DS4I provides the backbone for integrated enterprise infocommunications solutions. It is based on Iskratel SI3000 line of market-proven products which meet strict industrial requirements with focus on mission-critical communications.

Multi-Purpose Dispatching terminal (MPD)

MPD is a robust and reliable industrial terminal with integrated touchscreen, vombined with add-on modules to achieve unique functionalities according to various industrial requirements.

The modular solution uses fixed networks, public network radio systems and other communications media to support dispatching communications, control and monitoring of network equipment.

It also integrates video surveillance and video communications, sensor signalling overview, like



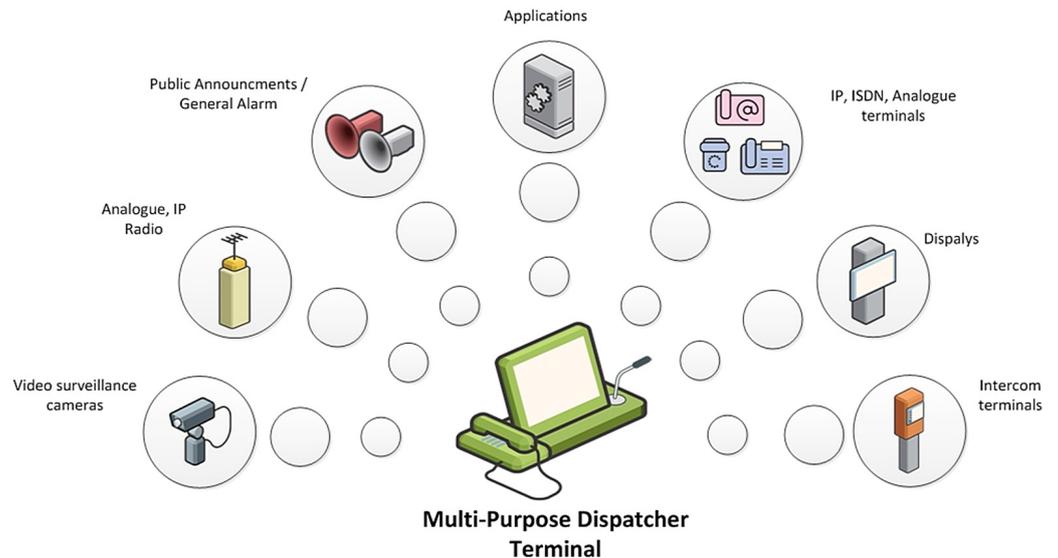
smoke detection, temperature changes, humidity, and information and notification systems.

Modularity enables upgrades with adapted applications, developed based on customer's requirements to allow dispatchers to communicate with personnel through mobile or fixed terminals.

With Iskratel's feature-rich touchscreen MPD terminal operators can perform day-to-day tasks efficiently and use multiple connections simultaneously in different applications, including railways, power utilities, oil & gas, public safety institutions and many more.

Benefits

- Unified dispatching platform, which integrates several separate systems
- High reliability
- Secure and fast distribution of multi-media information
- Scalable dispatching infrastructure with new features
- Integration and interworking between intelligent systems in real time
- Customizable graphical user interface



Transport

Control rooms in railways usually consist of multiple separate communications systems for different purposes. With Iskratel's integrated solution all dispatching communications (radio and landline), information and notification systems for passengers and personnel, video surveillance and conferencing are combined in one single point. Iskratel's GSM-R dispatcher is certified as fully EIRENE compatible and it powers Slovenian Railways.

Energy

In high-risk environments, safety has to be first and foremost – which is why Iskratel's solution makes communications between the traffic control centres and employees possible through a variety of dedicated analogue, TDM, IP, weather-proof and explosion-proof terminals. General overview allows the dispatcher to respond quickly and efficiently in cases of emergency.

Video calls and surveillance, dynamic conferences and real-time equipment diagnostics ensure control of all technological and business processes.

Public safety

With Iskratel's solution there is no limitation to providing critical information. By supporting a variety of emergency call types, the dispatcher can choose to communicate via voice call, SMS, e-mail or web-chat. Its efficient and user-friendly GUI enables all types of calls to be received, processed, controlled and can also be extended with additional location information from GIS systems.

DS4I HIGHLIGHTS

From public transport and energy facilities to public safety and security, Iskratel provides a perfect multi-purpose communication platform for all command and control centers. Our mission is to offer operational communication solutions with a wide range of infocommunication functionalities with a strong emphasis on safety.

Tailored to meet your specific dispatching needs, Iskratel ensures smooth and efficient operations to improve the effectiveness of everyday processes.

Efficient terminals tailored to your needs provide dispatchers with quick, efficient and reliable connections to all required industrial endpoints. Feature-richness makes routine operations faster and easier for the dispatching operator, even in demanding industrial environments.

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