QUALCOMM®

Mobile Computing Platform 50

Our easy-to-adopt, cost-effective MCP50 is the solution that meets your fleet's needs.

At Qualcomm we have leveraged years of experience as the pioneer in telematics to offer the Mobile Computing Platform 50 (MCP50), a safety-focused, cost-effective solution that helps fleets monitor and manage safety and regulatory compliance, as well as benefit from improved asset visibility and productivity.

Qualcomm's MCP50 technology can help your fleet lower your safety and operating costs.

We've designed the MCP50 to enable your fleet, no matter what size, to become compliant with the Federal Motor Carrier Safety Administration's (FMCSA) regulations on driver hours and improve your performance related to the CSA Safety Measurement System (SMS) scoring methodology quickly and efficiently. More than just compliance, your company can realize safety and operational benefits, including improved fuel management, enhanced two-way dispatch-to-driver information delivery, in-cab navigation, and a reduction in unsafe driving practices by monitoring driver behavior.

Manage CSA requirements.

CSA Safety Performance Service maximizes data gathered from our fleet management applications and correlates it to the FMCSA's new SMS scoring methodology. Our Qualcomm Hours of Service (QHOS) application automatically tracks driver hours and is fully compliant with the latest FMCSA rules and regulations on driver hours of service. With Performance Monitoring, you can proactively manage driver safety criteria, and our Critical Event Reporting (CER) application allows you to monitor driver behavior and intervene before an accident occurs.

Better manage your fleet's safety.

Qualcomm pioneered an In-Motion User Interface that is designed to reduce distracted driving by restricting the visual displays your drivers can see while the vehicle is in motion. This state-of-the-art feature is based on the driver's log-in status and disables the ability to type or read messages when the vehicle is in motion.

We've also incorporated a text-to-speech feature so drivers can receive and hear messages safely without having to pull over.

In-Cab Navigation provides drivers with more efficient routes, turn-by-turn directions, and up-to-date, interactive maps, all of which can lead to improved safety on the road.

Increase your fleet visibility.

With our QTRACS® Fleet Visibility application, you can monitor your vehicles' locations and send two-way messages and real-time information to your drivers while they are on the road.

Install and adopt the MCP50 hardware quickly and easily.

We've designed the MCP50 for ease of installation and use. It's intuitive for your drivers and includes built-in, step-by-step help. The system also brings efficiency to the back office by using a simple web interface or integrating the data with your fleet management software. Qualcomm's Analytics Manager translates your valuable operational data into simple reports that every member of your operation can use and understand.

Improve efficiency and reduce costs.

With the MCP50, the advantages offered by telematics, such as vehicle location monitoring, navigation, fuel management, and near real-time information delivery to your drivers, can streamline your operations and reduce costs. In addition, the MCP50 supports integration to leading transportation management systems (TMS).

Applications

At Qualcomm, we develop applications designed to maximize the value of your investment in mobile computing for your business. Our applications are intuitive and easy to configure to meet the unique needs of your operation.

Analytics Manager

The Analytics Manager application converts the critical data coming from your Qualcomm Transportation Services applications into actionable information and leverages visual tools such as dashboards, graphs, and tables to improve timely decision making. Analytics Manager provides timely information you can act on to increase productivity, reduce costs, simplify compliance, and enhance driver safety.

CSA Safety Performance Service

CSA Safety Performance Service gathers FMSCA SMS scoring and relevant performance data collected from the Qualcomm applications your fleet subscribes to and correlates it to the CSA scoring methodology. This streamlined process allows you to proactively identify and remediate performance issues before they lead to fines, violations, and interventions from FMCSA. Our CSA Safety Performance Service Deluxe also provides coaching modules and intelligent tools for managing the remediation process.

Critical Event Reporting

Our Critical Event Reporting (CER) application provides near real-time monitoring and reporting of critical events, such as hard-braking, roll stability, lane departures, and driver-initiated alerts. CER helps you proactively manage the safety behavior of your drivers and prevent accidents before they occur.
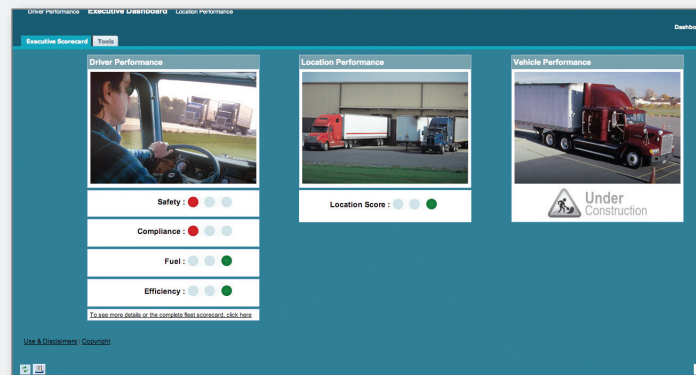
Hours of Service

The Qualcomm Hours of Service (QHOS) application helps you manage compliance with an electronic on-board recorder (EOBR) that automatically creates driver logs that are fully compliant with the latest rules and regulations of the FMCSA.
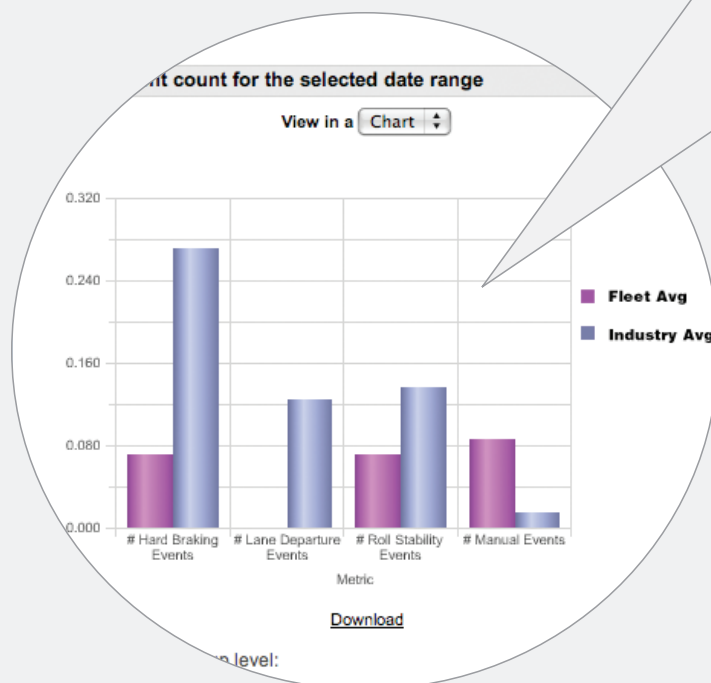
In-Cab Navigation

With In-Cab Navigation, your company can benefit from increased productivity, safer driving, and enhanced driver satisfaction. This application can save you money by providing accurate routes to reduce out-of-route miles.

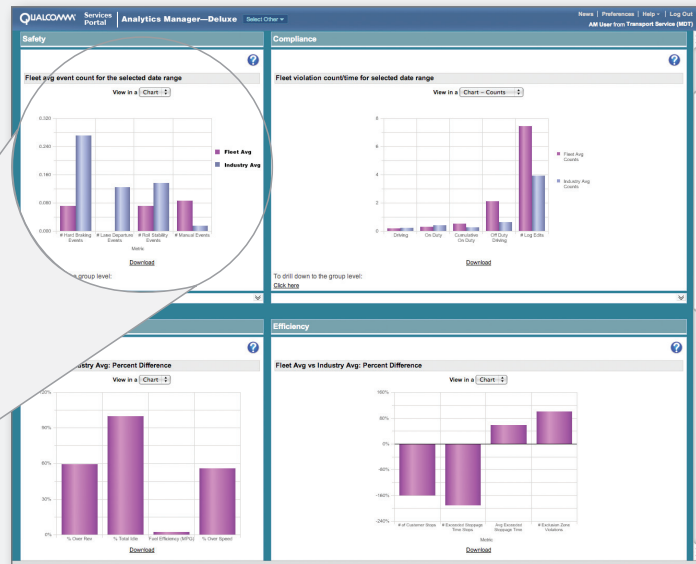**Qualcomm's MCP50 applications are the answer to your fleet's safety and compliance challenges.**

Analytics Manager—Executive Dashboard

CSA Safety Performance Service—Dashboard

Analytics Manager—Industry Comparison Dashboard

In-Motion User Interface

We have created an In-Motion User Interface that only gives the driver access to the critical information he needs while the vehicle is in-motion. Text-to-speech capabilities and minimized text entry reduce driver interaction. All applications are integrated so if one is in use and pertinent information from another application is needed by the driver, the system will automatically get the time-sensitive information to the driver in the least distractive way.

Performance Monitoring

Our Performance Monitoring application records the most critical vehicle and driver performance behaviors that affect fuel consumption and safety. A direct interface with the vehicle's sensor inputs or on-board data bus helps you monitor driver behavior, such as speeding, idling, and over-revving. The management reports and intuitive user-interface turn data into information you can use to reward and coach your drivers.

Predictive Performance

Our Predictive Performance Service (PPS) uses in-depth analysis and predictive modeling developed by FleetRisk Advisors to make it easy to identify drivers, vehicles, and schedules that are most likely to result in an accident. With the information you gain from PPS, you can implement proactive programs to help prevent accidents by focusing on the most critical risk factors and the highest risk drivers.

QTRACS Fleet Management System

The QTRACS application offers dynamic fleet and driver management by providing messaging, vehicle tracking, and mapping. It features two-way, near real-time messaging between drivers and dispatch, as well as fleet visibility, so that you can locate and contact your drivers at any time. Your business will benefit from more accurate ETA projections, which can translate into increased load opportunities and improved customer satisfaction. You can access fleet data anywhere through a computer's Internet browser and connection.

At Qualcomm, we strive to meet the unique needs of our customers. You can configure our platforms, applications, and communication options to meet the needs of your fleet.

Qualcomm is Here to Help You

Qualcomm is the recognized industry leader in on-board information technology for the trucking industry. We pioneered in-cab telematics for transportation and logistics and continue to innovate today, developing next-generation tools and programs that are easy to use and help carriers meet the most basic and complex driver management requirements. Qualcomm works with fleets of all sizes and operational profiles to develop and implement safety solutions that work. Find out for yourself. www.qualcomm.com/qes.

Learn how you can use our applications and reports to reduce costs, increase profitability, and stay competitive. Visit mcp50.qualcomm.com and let us show you how you can save time and money.

Getting More from Your Technology Investment

The **Qualcomm Alliance Program** facilitates integration of Qualcomm solutions with other leading companies that provide complementary technologies and services. This program taps into the power of integration in order to best meet the needs of our shared customers.

We offer **Qualcomm Technical Services** to all sizes of fleets to help you utilize our applications and our partners' applications in the most efficient way. Our assessment, integration, custom development and programming, training, business intelligence, and predictive modeling services deliver practical solutions. This critical information increases your productivity and efficiency, so you can both grow and differentiate your business.

The **Qualcomm Services Portal** provides access to a suite of web-based fleet management applications, including satellite mapping. Data from the Services Portal can be integrated into your existing enterprise systems.

QUALCOMM®

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