

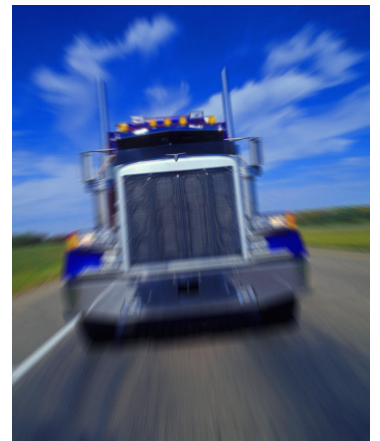
Integration technology that makes sense.

Business Integration Technology, Inc.

# Qualcomm Integration using BIT's EME Messaging Engine

## Business Integration Technology provides Full Integration with Qualcomm Applications

Qualcomm is the leading provider of mobile asset management solutions including OmniVision® and OmniTRACS® for trucking. Qualcomm provides a suite of applications to let you communicate with your mobile units and receive information from them including messaging, vehicle positioning data and the Trailer-TRACS® application. Qualcomm Integration allows you to integrate this data with enterprise applications such as supply chain management, dispatch, billing, or other operational systems. Qualcomm provides Web services that can work with an enterprise integration solution like BIT's EME open-source based enterprise messaging engine. BIT delivers technology that connects your enterprise applications to Qualcomm applications.



## Applications that benefit from Qualcomm Integration

Integration lets your back-office applications use your QUALCOMM vehicle, message, and trailer data. QUALCOMM provides two tools to facilitate this: QUALCOMM web services and the Event Subscription Service. Using these tools saves you time because you don't have to transfer data manually or enter it in two applications.

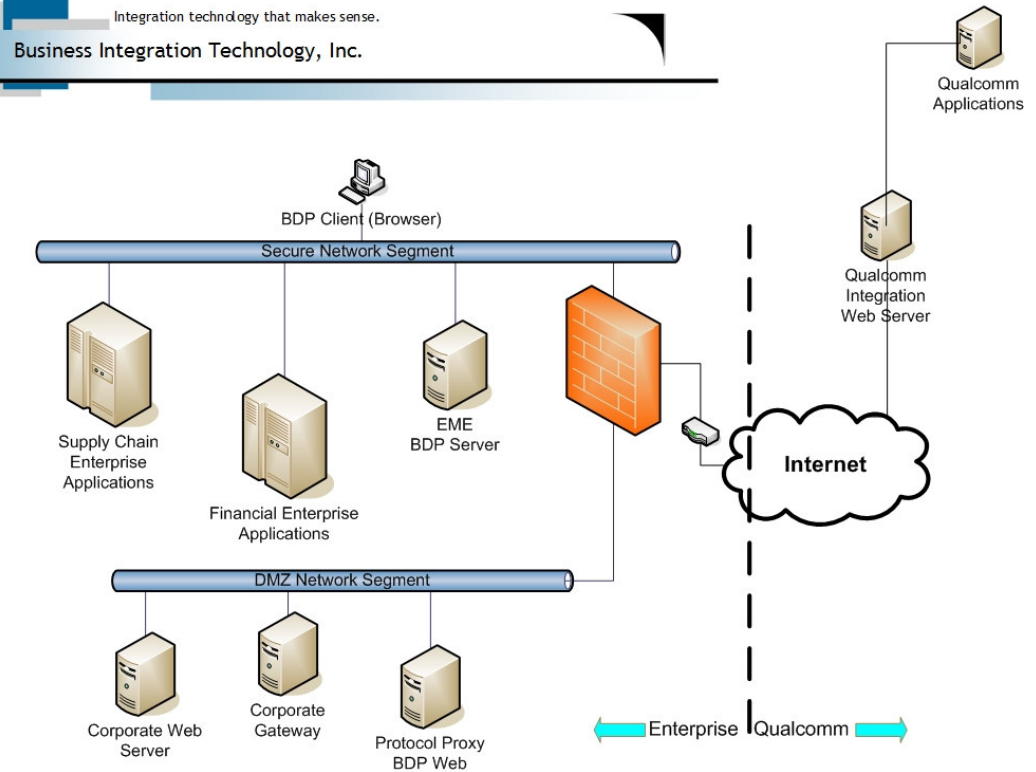
- Send load information messages from your dispatch system to your trucks.
- Update the dispatch system with load status and position.
- Retrieve position information for fuel tax calculations or out-of-route analysis.
- Automatically update Qualcomm application databases with trailer and vehicle records created in your enterprise applications.
- Receive payroll and customer billing data from your trucks.

## BIT's approach to Qualcomm Integration

Qualcomm supports back-office application communication with their Web service through intermediate software that translates requests from the back-office application to SOAP, and then exchanges SOAP Web service messages over the Internet with the Qualcomm Services Portal. While a dedicated Web services client can be created to perform this function, there are many benefits to using an enterprise integration solution like BIT's EME. Since EME is based on open source, BIT does not charge a license fee for use of EME. And BIT has already done the hard work to integration EME with Qualcomm Web services. All that's left is a small services engagement to install and configure EME and configuration of the enterprise application adapters to deeply integrate your enterprise applications with Qualcomm applications.

## EME provides secure, reliable Qualcomm Integration

EME is based on Mule, the world's most widely deployed open-source enterprise service bus. Mule is designed to support high-performance, multi-protocol transactions between a wide array of systems and services and provides the basis for service oriented architecture (SOA). Mule is based on widely accepted standards and works with your existing infrastructure to adapt to your environment and prevent vendor lock-in. The open source model allows organizations to achieve rapid ROI, and open access to source code enables developers to customize Mule to readily meet their needs.



BIT innovation in EME complements Mule to provide a robust and flexible foundation for enterprise applications integration, business-to-business integration and service-oriented architecture. BIT provides a complete messaging solution including a protocol proxy for secure Internet communications, a message viewer for technical details, EME client applications for trading partners, and a business document processor for end-user visibility of messages.

Qualcomm applications are made available through Web services on the Qualcomm Services Portal. EME connects and integrates Qualcomm applications with your enterprise for a complete Qualcomm integration solution.

## About Business Integration Technology, Inc.

Business Integration Technology Inc. (BIT) is a leader in B2B integration technology for transportation, logistics and supply chain management. BIT designs and implements highly cost-effective business-to-business connections that eliminate the costs of doing business with paper, phone and fax bringing innovative value to shippers, carriers, 3PLs and companies looking to improve cycle time and reduce cost.

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BIT was founded by the team that built the messaging engine that runs North American Rail. BIT is also a partly-owned subsidiary of Daugherty Business Solutions, a firm with over 20 years of experience helping their clients achieve their business objectives through the effective use of leading information technology and more than 400 consultants in St. Louis, Atlanta, Minneapolis and Chicago.

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