

# RESOURCE<sup>TM</sup> COMMANDER



## Product Overview

# Introduction

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Resource Commander is a tool for collecting information from the field and feeding it directly into back office systems. Simple yet sophisticated, it can be used to track any type of resource directly at its source. Resource Commander allows resource information to be entered, costed and approved directly from a PC or laptop. Information can include time, units or currency for resources such as Employees, Equipment, Materials, Subcontractors or Field Units.

This document provides an overview of Resource Commander as it relates to:

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For over 20 years ACS Connect has been helping construction companies to control the information and resources that affect cash flow and ultimately drive profitability. To learn more, please contact us.

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# Employee Resources

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As a cost type, labor is the single largest expenditure for most construction companies. It stands to reason, therefore, that the payroll process should be one of the areas with the most potential for savings. Research has shown that manual payroll collection suffers not only from tedium and innocent human error, but from significant fraud. Resource Commander allows you to take control of time and attendance with a unique set of capabilities.

## **Managed Time Entry**

One common method of generating time records for a resource is through managed time entry, essentially creating a digital timesheet. Employees may be allowed to enter their own time or this may be done by a manager using Resource Groups. Resource Groups often mimic an organization's existing job or crew hierarchy. The result of this process is essentially a digital timesheet. The information entered includes the time spent, details such as job and cost code and any applicable notes. This type of entry can be performed in an online or offline environment. After time is entered, permission levels determine which users can approve or upload to integrated systems.

## **Resource Commander Mobile**

Time for Employee resources can be tracked using Resource Commander on a mobile device. PDAs and smart phones with current versions of Windows Mobile® are supported. Groups of resources can also be easily tracked by a foreman or manager.

## **Integrated Time Clocks**

Employee resources can clock in and out using an integrated time clock for Resource Commander. This method automatically calculates time based upon events, allowing time to be tracked more precisely than with manual entry. Use of biometric authentication can help to further eliminate costly mistakes and fraud.



# Equipment Resources

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To Resource Commander, equipment is simply another type of *resource*. The system was developed especially to track resources for which costs are distributed at a detailed level. For this reason, the equipment being tracked is often high-value resources. Examples include mobile heavy equipment, semi-stationary machinery or fabrication machines. Any equipment for which costing is a concern can be tracked, regardless of size and mobility.

## **Managed Equipment Entry**

This is the most straightforward, but least automated, method of generating time records for a resource. Equipment resources are added to a Resource Group managed by a particular person. This method is similar to the way a Foreman would manage a crew. The user manually completes what is essentially a digital timesheet. The information entered includes the time spent, details such as job and cost code and any applicable notes. Resources can be managed individually or as groups. This type of entry can be performed in an online or offline environment.

## **TimeClock Adaptor**

Equipment resources can be clocked on and off of assignments in the same way as employees using the TimeClock Adaptor for Resource Commander. Because the TimeClock is only available in online environments, events are visible in real time, allowing current assignments to be viewed for a particular resource. This method automatically calculates time based upon events, allowing time to be tracked more precisely than with manual entry.

## **GlobalTRACS®**

This adaptor retrieves GPS location and utilization wirelessly from mobile equipment using the GlobalTRACS system from QUALCOMM®, Inc. The system calculates time based upon utilization data. Using landmarks or a “digital fence”, equipment resources can be automatically costed to a Job from a back office system that matches its GPS coordinates. Fully distributed records are then queued in Resource Commander for approval and upload to the back office system. This method offers the highest level of automation for equipment tracking.



## Other Types of Resources

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You know what metrics are needed to accurately manage overall performance. Resource Commander was developed to offer extraordinary flexibility. Additional resource types and units of measure can easily be configured to extend reporting from the field.

### **Subcontractors**

Just as with employees and equipment, subcontractors are resources that come and go from the jobsite. Resource Commander gives you the tools to record when they are on site and what they worked on.

### **Field Unit Reporting**

Resource Commander allows Field Unit Reporting to be performed when and where the work happens. Resources such can be tracked by an applicable unit of measurement, or units completed. Like all other types of entry, unit records can be fully cost distributed.

### **Expense Reporting**

Resource Commander Entry Code types allow expenses to be charged by resources using multiple currencies. Just as time can be entered against a resource, expenses can also be tracked using configured entry codes such as *each* and *per diem*.

# Integration Capabilities

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Resource Commander includes a robust integration framework, allowing information to be captured using a variety of methods. Records are then validated against a costing system and then uploaded to be used in payroll, equipment, billing, job costing, project management and other applications.

## **Collecting Information at its Source**

In addition to PCs and laptops, Resource Commander allows information to be collected from remote devices and costed before being fed to the back office. Resource Commander can completely eliminate the need for paper timesheets and equipment tracking. Solutions for a variety of scenarios are available, including:

- ✓ QUALCOMM® GlobalTRACS® & GlobalTRACS Lite®
- ✓ Ethernet Time & Attendance Terminals
- ✓ Resource Commander Kiosk (Windows XP Professional or Vista Business)
- ✓ Resource Commander Mobile (Windows Mobile 5 or higher)
- ✓ Resource Commander WebCollect (Internet enabled mobile devices including Blackberry, Palm, Windows Mobile, iPhone, Android)

## **Connecting Information to the Back Office**

Resource Commander allows fully costed records to be fed directly to back office systems, eliminating the costs and inaccuracies associated with duplicate entry. Resource Commander efficiently integrates with virtually any back office system, including:

- ✓ JD Edwards OneWorld
- ✓ Computer Guidance Corporation CMS & eCMS
- ✓ AMSI StarBuilder
- ✓ GEAC CS1000
- ✓ Dexter + Chaney Spectrum
- ✓ Meridian Systems Prolog Manager
- ✓ Many more...