

# Watchdog Alerting Engine

**Spitfire's Watchdog provides a highly flexible and automated alerting engine that will change the way you do business.**

Most systems merely report information when requested. They require YOU to find the information – generally by pouring over dozens of management reports line by line.

As a manager, taking control of your business means finding the problem areas and exceptions - getting what you need to know in time to do something about it. This is especially true in construction, where timely action can make the difference between a successful project and disaster. When you are dealing with data overload, this becomes more and more difficult and time consuming. The way you really want to be managing your business is to have critical information "served up to you on a silver



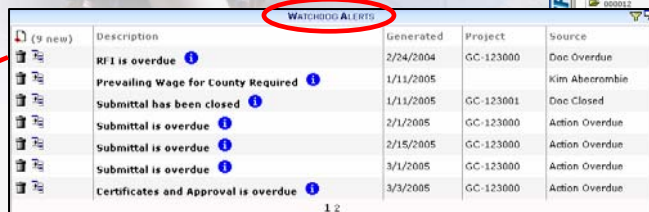
## Impossible? Not with Spitfire's Watchdog Alerting Engine.

Watchdog constantly monitors your information, and automatically notifies the appropriate people whenever action is required according to business rules that you've established. It **PROACTIVELY** manages your business by getting you the information you need while there is still time to react. Furthermore, Watchdog is fully integrated with the entire Spitfire system. Alerts post on your Project Management Dashboard, where you can link directly to the data or transaction to review the details and take fast action.

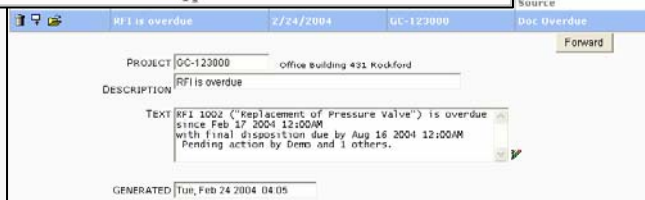
*Watchdog Alerts appear on the Home Dashboard where the user can drill down to detail.*



Description	DocNo	Type	Project	Due	Originator	Priority
ABC Construction - Liability Ins Certificate	1002	Certificates and Approval	GC-123000	2/15/2005	Demo Employee	Medium
Application 000001	000001	Construction Billing Entry	GC-123000	2/15/2005	Demo Employee	Low
Application 000002	000002	Construction Billing Entry	GC-123000	2/15/2005	Demo Employee	Low
AP Voucher: Coho Supply	000130	AP Vouchers & Adjustments	GC-123004	2/15/2005	Demo Employee	Low
AP Voucher: WW Windows and Glass	000133	AP Vouchers & Adjustments	GC-123004	2/15/2005	Demo Employee	Low
Utility Changes per City Requirements	000002	Project Change Order	GC-123000	2/15/2005	Demo Employee	PTI
Project Drawings	3	Drawings	GC-123000	2/15/2005	Demo Employee	Low
AP Voucher: University Mechanical	000126	AP Vouchers & Adjustments	GC-123001	2/16/2005	Demo Employee	Low
AP Voucher: University Mechanical	000012	Requisition/PO	-	2/16/2005	Demo Employee	Low
AP Voucher: University Mechanical	000019	Requisition/PO	GC-123000	2/16/2005	Demo Employee	Low
Pic Supply 000019	0004	Subcontract Change Order	GC-123000	2/16/2005	Demo Employee	Low



Description	Generated	Project	Source
RFI is overdue	2/24/2004	GC-123000	Doc Overdue
Prevailing Wage for County Required	1/11/2005		Kim Abercrombie
Submittal has been closed	1/11/2005	GC-123001	Doc Closed
Submittal is overdue	2/1/2005	GC-123000	Action Overdue
Submittal is overdue	2/15/2005	GC-123000	Action Overdue
Submittal is overdue	3/1/2005	GC-123000	Action Overdue
Certificates and Approval is overdue	3/3/2005	GC-123000	Action Overdue



PROJECT GC-123000 Office building 421 Kookford

DESCRIPTION RFI is overdue

Text RFI 1002 ("Replacement of Pressure Valve") is overdue since Feb 17 2004 12:00AM with final disposition due by Aug 16 2004 12:00AM Pending action by Demo and 1 others.

GENERATED Tue, Feb 24 2004 04:05

# Watchdog Alerting Engine

## Receive alerts before you have a problem

It's like having a tireless assistant behind the scenes monitoring your company to alert you of potential difficulties. Alerts can be set up two different ways. First, a hierarchy of Alert Subscriptions are set up as a matter of company policy. These can allow for escalation handling so that as certain conditions become further "out of bounds", the alerts will escalate "up the ladder" to additional staff. Alert subscriptions need only be set up once, and then the alert system will tirelessly follow your alert escalation rules without any additional actions by your staff. Second, any additional specific alerts can be set up on any particular document if needed.

User defined Threshold Levels allows you to receive alerts or reminders either before something becomes due, when it becomes due, or only if it becomes overdue. You can also determine the frequency with which the alerting system reminds you that a particular alert condition has not yet been rectified. This allows you make sure you don't get swamped with too many alerts, while still receiving the ones you need to stay on top of your jobs.

## Automated Document Alerts

These alerts can be applied to ANY document including submittals, change orders, rfi's, etc.

- Document Due Date
- Change to Document Due Date
- Routee Required Response Date
- Change to Routee Required Response Date
- Item Level Due Date
- User Defined Document Status
- Task Start or End Dates
- Out of Compliance Conditions
- User Defined Criteria

## Business Condition Alert examples

- If Actual expenses, including commitments, are within a predefined percent of the budget (the percentage is user-defined for each occurrence of an alert). This gives the project manager time to manage expenses before they get out of control
- If Margins slip from previous month(s). Eroding margins, even if within the budgeted margins, may need attention to prevent further decline
- If critical contract or subcontract documentation is due. You can keep track of project submittals and transmittals to keep projects on time and in control
- If unbilled work is over a specified age and/or amount
- If receivables over a specified age and/or amount
- Watchdog alerts you to margin fade on a project