

# IBCS WEBHOOKS INITIAL REQUIREMENTS

DRAFT 2, 03/03/2003

## OVERVIEW

This document is to serve as the initial requirements for adding Webhooks to the iBCS.

Essential Webhooks are automated messages that are sent when something happens. Currently the iBCS has the ability to send email notifications to comma separated list of email addresses when an iBoot goes on or off line. The webhooks will be an extension to this notification mechanism.

Typically, webhooks are sent to a single address (URL). Based on a conversation with a customer(s) we will provide the ability to send the webhooks to multiple addresses.

## WEBHOOKS

The Notifications page will be modified to allow the setup of the webhooks as shown in the wireframe diagram below. The styling of the notifications page will remain the same.

The wireframe diagram illustrates the 'Account Notification Settings' window and a 'Webhook' dialog box. The 'Account Notification Settings' window is divided into three sections: 'Notification Settings', 'Email Notifications', and 'Webhooks'. The 'Notification Settings' section includes two input fields for 'Send notification after device is offline for' and 'Send notification after device is online for', both labeled 'Minutes (2-99)', and buttons for 'Save and Exit', 'Save', and 'Cancel'. The 'Email Notifications' section includes two checkboxes for 'Send offline notifications to' and 'Send online notifications to', each followed by an input field for 'Comma separated Email Address', and buttons for 'Save and Exit', 'Save', and 'Cancel'. The 'Webhooks' section includes a table with columns 'Select' and 'Type', and a 'URL' column, with buttons for 'Add', 'Edit', and 'Delete'. The 'Webhook' dialog box includes a 'Webhook Type' dropdown menu with 'Online' selected, a 'Webhook URL' input field, and buttons for 'Save' and 'Cancel'.

**Account Notification Settings**

**Notification Settings**

Send notification after device is offline for:  Minutes (2-99)

Send notification after device is online for:  Minutes (2-99)

**Email Notifications**

☐ Send offline notifications to:  Comma separated Email Address

☐ Send online notifications to:  Comma separated Email Address

**Webhooks**

Select	Type	URL
<input type="checkbox"/>	Online	<input type="text"/>
<input type="checkbox"/>	Offline	<input type="text"/>

**Webhook**

Webhook Type:  ☒

Webhook URL:

## PAYLOAD

The payload will be sent to the registered URL in JSON format using the HTTP POST method. The payload will contain the following information:

- Time and Date of last communication
- Name of the device
- Location of device
- Name of the device
- Type of device
- Last know outlet status