

# Northern Ireland - Emergency Care Summary

INPS



---

**INPS**

The Bread Factory, 1A Broughton Street, Battersea, London, SW8 3QJ  
T: +44 (0) 207 501700 F:+44 (0) 207 5017100 W: [www.inps.co.uk](http://www.inps.co.uk)

### Table of Editions and Contents

Date	Version	Contents	Output
02.11.2009	001	Initial draft for comments DCUT	doc
19.11.09	002	Reviewed by ESTU – documented amended	doc
8.12.09	003	Document updated after review with RSAN and MHUB. Removed any reference to eLinks and updated the “Extracting the data” section on page 6.	doc
25.06.10	004	Images & GPC details Updated	Docx & PDF

Copyright © INPS Ltd 2010

---

# Contents

<b>EMERGENCY CARE SUMMARY (ECS) - NORTHERN IRELAND</b>	<b>1</b>
<b>Background</b>	<b>1</b>
<b>Overview</b>	<b>1</b>
<b>What this guide covers</b>	<b>2</b>
<b>What you need to do next</b>	<b>2</b>
<b>Workflow Overview</b>	<b>3</b>
What is IUVO host?	3
What is SCI Store?	3
<b>Patient Consent</b>	<b>4</b>
Rules Governing Patient Consent	4
Recording Patient Refusal	4
<b>Data for Extraction</b>	<b>6</b>
What patient information is sent?	6
<b>Extracting the data</b>	<b>7</b>
Running a Full data extraction using the ECS Initial Extraction Utility	7
Resending a Full data extraction	8
Scheduling the time of incremental extracts	10
GP Communicator	10
Checking Mail Gateway	14



# Emergency Care Summary (ECS) - Northern Ireland

---

## Background

The Northern Ireland Emergency Care Summary (ECS) is a project designed to extract and store a subset of GP data for every consenting patient. The data is held in a central repository called a SCI store and is accessed by Out of Hours (OOH) and Accident and Emergency (A&E) personnel. Only the health service staff involved in treating the patient will have access to this information. The aim of the project is to improve treatment by giving doctors a more detailed breakdown of patients' medical history.

---

## Overview

The list below details the Vision changes made to accommodate the ECS functionality:

- **Patient Consent** – There is now a tick box in the Registration module, which allows you to record if the patient wishes to dissent from participation in the Emergency Care Summary scheme. See "[Patient Consent](#)" on page 4.
- **ECS Initial Extraction** – This utility is accessed from the Vision front menu and is used to perform a full patient data extract which is uploaded to the SCI store. See "
- [Running a Full data extraction using the ECS Initial Extraction Utility](#)" on page 7.
- **GP Communicator** – This is configured to send an incremental daily extract of patient data to the SCI store. See "[Scheduling the time of incremental extracts](#)" on page 10.
- **Mail Gateway** – There is a new tab within Mail Gateway which displays if the Emergency Care Summary has been successfully sent. See "[Checking Mail Gateway](#)" on page 14.

---

## What this guide covers

This user guide is an overview to both clinical and non-clinical staff of the Emergency Care Summary (ECS) process. It explains what information is sent to SCI store and describes how it is sent.

---

## What you need to do next

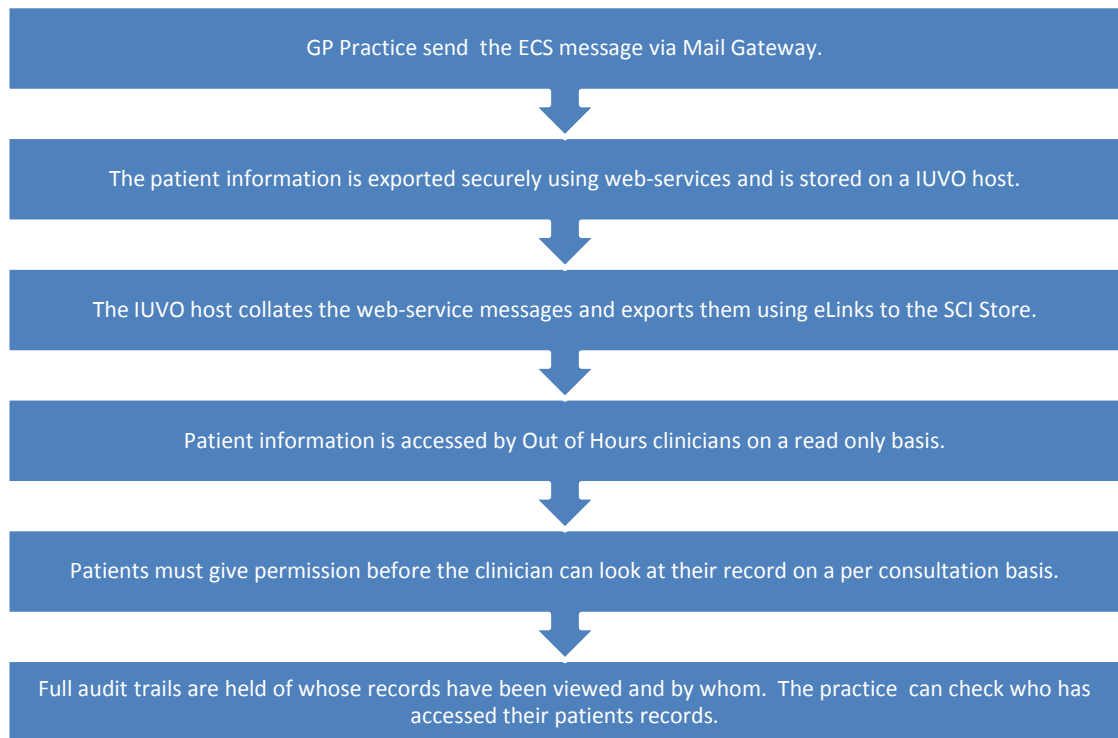
In order to use and implement ECS, you must make sure the following is in place:

- You must have received DLM 310. To check what DLM Version you have, go to the front screen of Vision, select **Help – About Vision**.
- You must record if a patient refuses consent. See "[Patient Consent](#)" on page 4.
- You must run an initial Full data extract. See "[Running a Full data extraction using the ECS Initial Extraction Utility](#)" on page 7.
- You must make sure that there is a scheduled timed extract setup in GP Communicator. See "[Scheduling the time of incremental extracts](#)" on page 10.
- You must check Mail Gateway. See "[Checking Mail Gateway](#)" on page 14.

---

## Workflow Overview

The diagram below demonstrates the processes involved when sending patient information from Vision to Out of Hours.



### What is IUVO host?

IUVO is a web-based clinical messaging service which manages the transmission and receipt of messages between GP practices and other Healthcare systems e.g. Out of Hours, Accident and Emergency.

### What is SCI Store?

The Scottish Care Information (SCI) Store is a web based data repository which stores patient information. It is capable of integrating a wide range of clinical information into a single consistent patient record, and provides clinicians with secure access to patient information at the point of care.

---

# Patient Consent

## Rules Governing Patient Consent

Patient consent is a critical aspect of the project. Consent is automatically assumed but can be refused if a patient does not want their Emergency Care Summary to be viewed by clinical staff. The following applies:

- No data is sent to the SCI store if consent is refused.
- If a patient withdraws consent after data has been sent to SCI store their Emergency Care Summary is unavailable to anyone who searches for it.
- If a patient re-consents to be part of the ECS scheme, a full patient extract is sent to SCI Store regardless of whether it had been sent before
- During out-of-hours the patient is asked for consent to view their record on a per consultation basis.

## Recording Patient Refusal

To record patient refusal from participation in the ECS extract process, follow the steps below:

1. Select the patient in the **Registration** module.
2. Select the **Consent** tab.
3. Tick the box next to **Consent refused to data sharing for emergency care.**

**Registration Details**

Incomplete Details     Incomplete RegLinks

Personal | Address | Registration | Notes | Other | Ids

Family | FP69 | **Consent** | Online Services

Consent refused for GPRD Data Collection:

Consent refused for THIN Data Collection:

**Consent refused to data sharing for emergency care:**

Consent given for palliative care data sharing:

To exclude the patient from the ECS project, tick the **Consent Refused to data sharing for emergency care** box

OK    Cancel    Contacts    Help

4. Click **OK** to finish and close.

---

## Data for Extraction

### What patient information is sent?

The ECS extract includes a range of information that is relevant to Out of Hours and Accident and Emergency personnel. Any changes to the patient medical details or demographics are automatically sent to the SCI store and the patient record is updated. The following data is sent:

- Health and Care Number
- Forename, surname, previous surname
- Date of Birth
- Gender
- Address and postcode
- Telephone number – where available
- Current GP practice
- Current registered GP
- All allergies and adverse reactions
- All non-drug allergy records
- Acute therapy issued in the last 6 months
- All active repeat medication

In addition:

- Registration Status, indicating whether a patient is permanently registered with a practice. The deduction status is sent to indicate that a patient is no longer registered with a practice.
- Consent Withdrawn, to indicate that a patient that had previously consented to their records being processed via ECS has subsequently withdrawn their consent

---

## Extracting the data

There are two types of data extraction:

- A **Full data extraction** sends an initial upload of the patient summary to SCI store. The initial data extract is performed manually by the practice using the **ECS Initial Extraction** program. See “
- [Running a Full data extraction using the ECS Initial Extraction Utility](#)” on page 7.
- An **Incremental data extraction** is performed daily for those patients whose records have been added to or changed. Where there are multiple modifications for a given entry, the most recent modification is extracted. The incremental extraction is a scheduled task which is performed by GP Communicator. See “[Scheduling the time of incremental extracts](#)” on page 10.

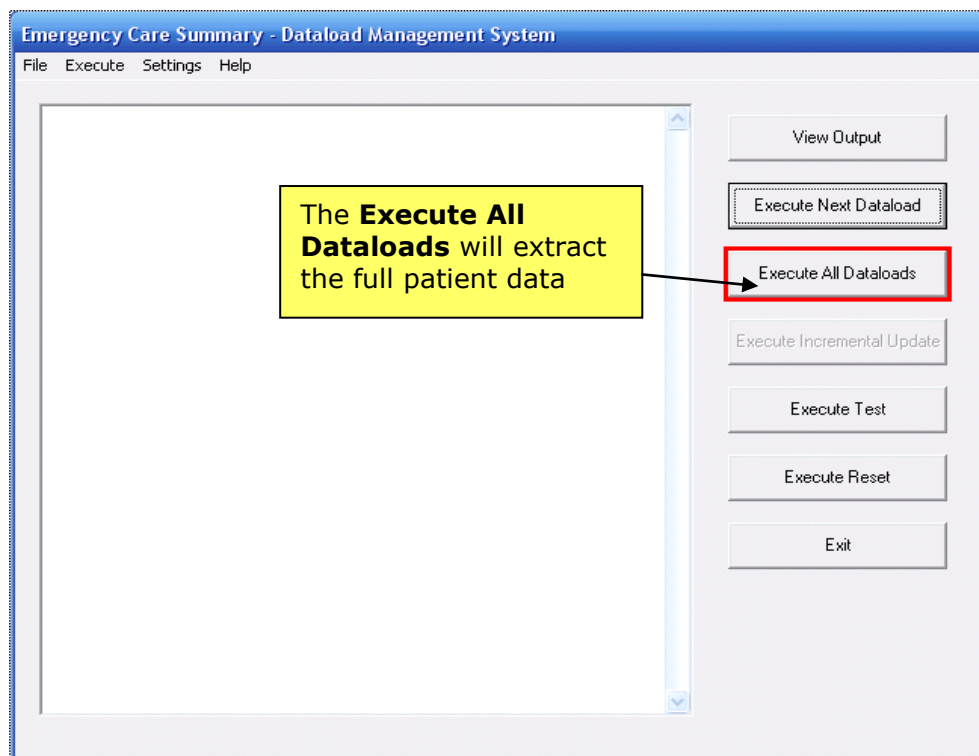
---

**Note** – No upload will take place for patients who have withdrawn their consent.

---

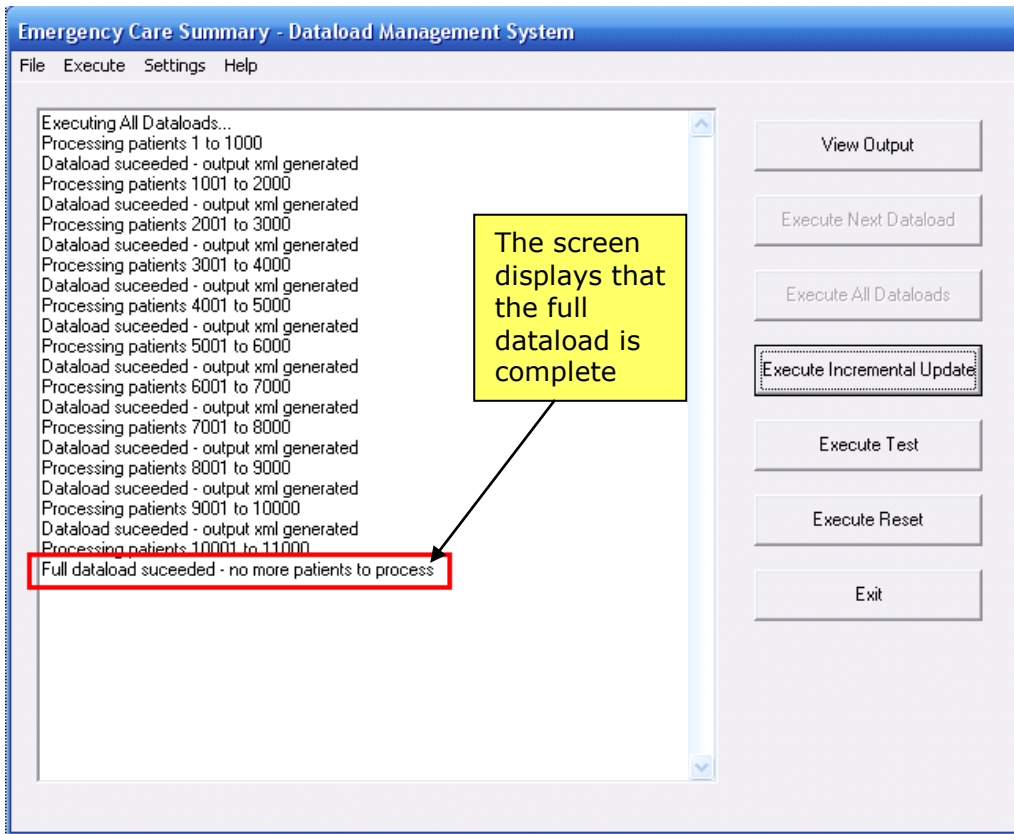
## Running a Full data extraction using the ECS Initial Extraction Utility

1. From the Vision front menu, select **Modules – ECS Initial Extraction**.
2. The DataLoad Management System screen is displayed, select **Execute All Dataloads**.



*The ECS DataLoad Management Screen.*

3. A status bar appears indicating that the data is being extracted.
4. Once the full extract is complete, the following screen appears:



The ECS extract screen.

---

**Note** - The **Execute All Dataloads** option is not available once the initial extract has been run. Occasionally, you may be asked to resend the full patient data again. In order to do this you will need to reset the download process back to the beginning. See "**Resending a Full data extraction**" on page 8.

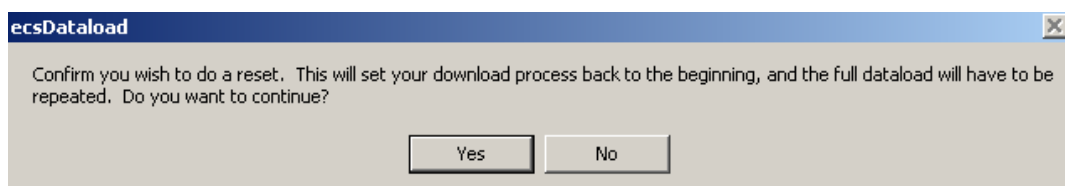
---

5. To close the ECS Initial Extraction screen, select **Exit**.

## Resending a Full data extraction

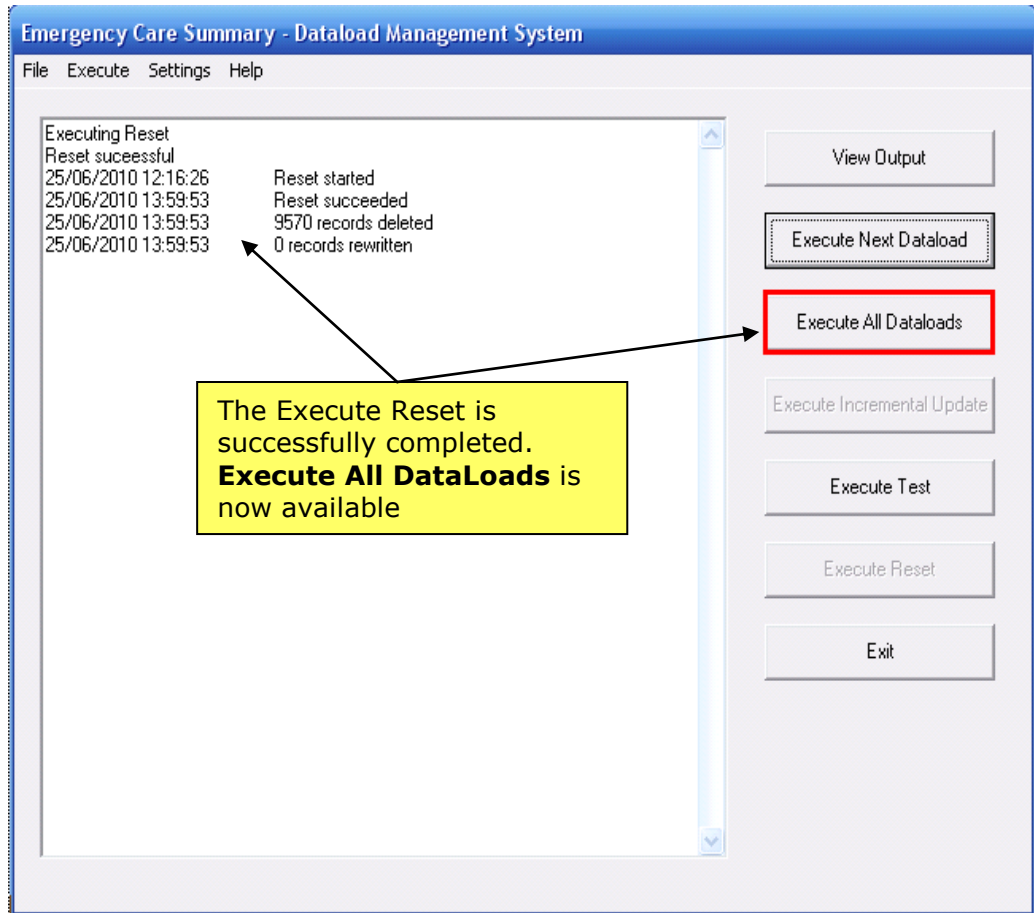
1. From the Vision front menu, select **Modules – ECS Initial Extraction**.
2. Select **Execute Reset**.
3. The ECS Dataload dialog box is displayed, you are prompted:

*Confirm you wish to do a reset. This will set your download process back to the beginning, and the full dataload will have to be repeated. Do you want to continue?*



The Execute Reset confirmation screen.

4. Click **Yes** to continue.
5. When the Execute Reset is complete a successful message is displayed. Click **Execute All DataLoads** to begin the full extract again.



*Resending a Full data extraction.*

6. When you see the message "*Full Dataload succeeded - no more patients to process*", the Full extract is complete.
7. Click **Exit** to close the ECS Initial Extraction Utility.

---

**Note** - The other options within the DataLoad Management System screen are for use by INPS Training Consultants and Helpline Analysts.

---

## Scheduling the time of incremental extracts

### GP Communicator

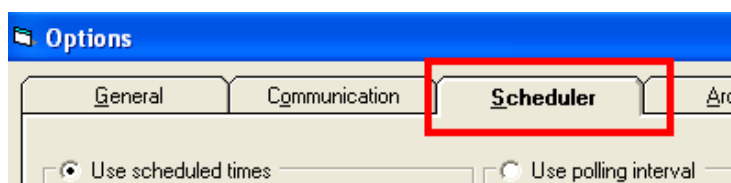
The extract is run daily as a scheduled task from the GPC machine. To view the GPC scheduling times:

1. In GP Communicator, click on **GPC – Tools – Options**.



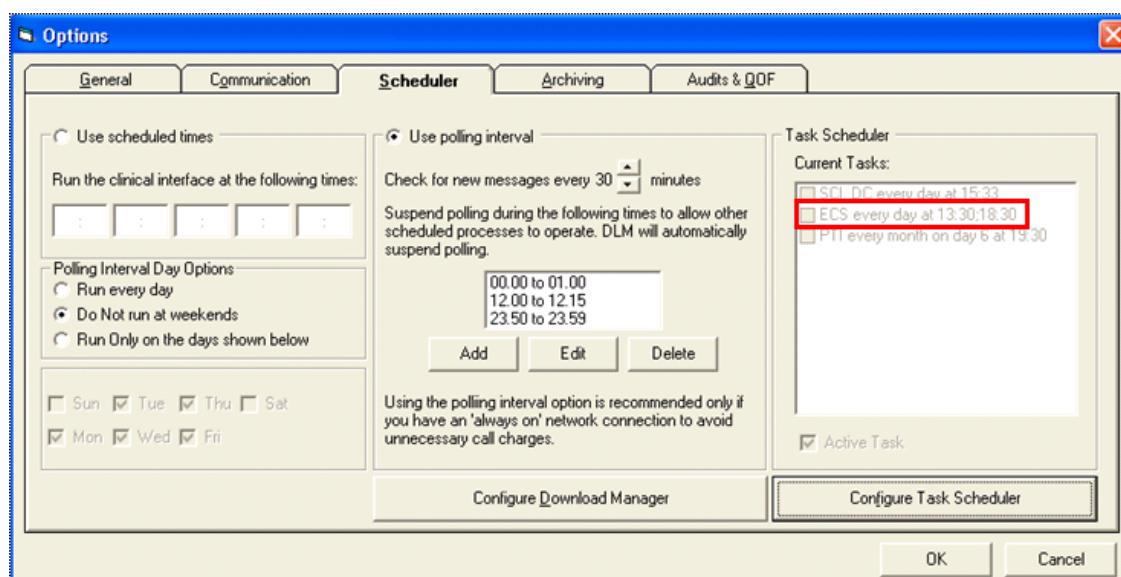
*GP Communicator – Tools menu*

2. Select the **Scheduler** tab.



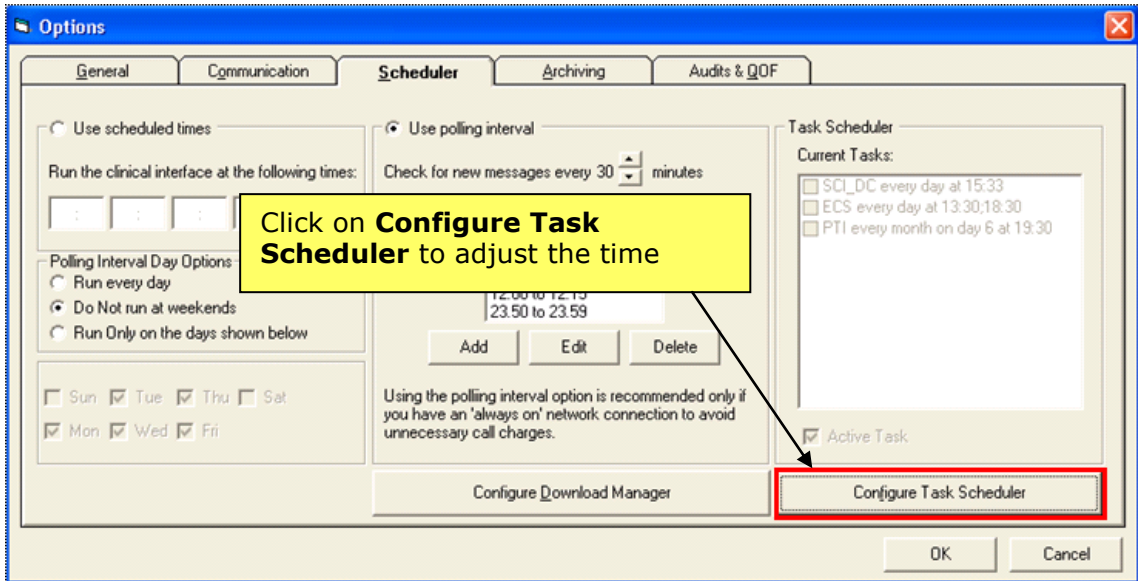
*The Scheduler tab.*

3. Within the Task Scheduler section, you can see the ECS current task and the scheduled extract times.



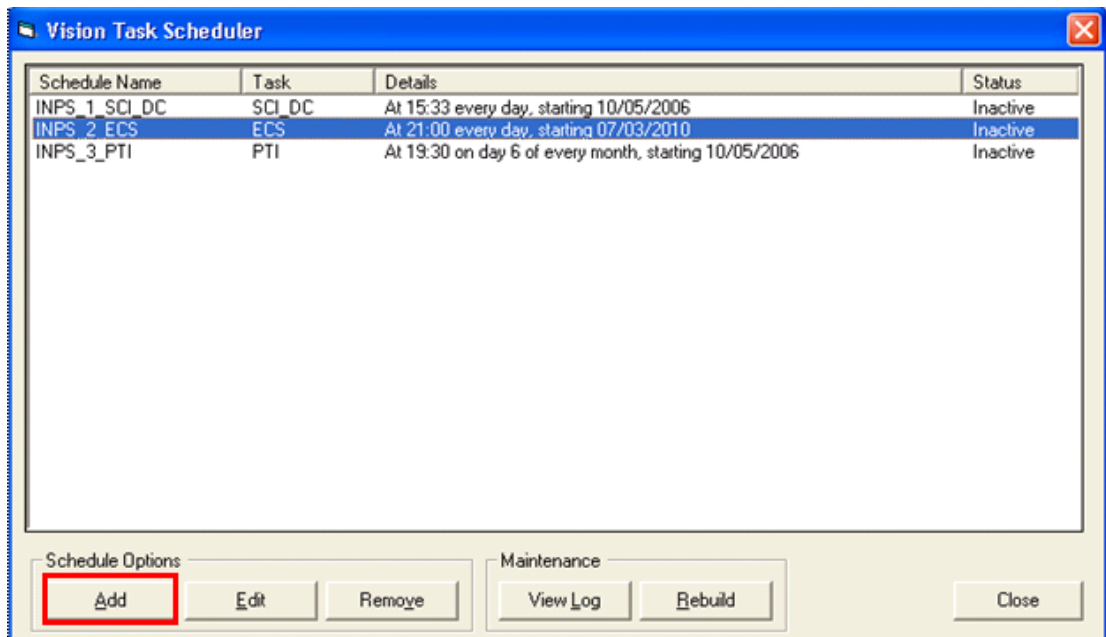
*The example shows that the extract runs twice a day at 13.30 and 18.30.*

4. To change the timing of the extract, select **Configure Task Scheduler**.

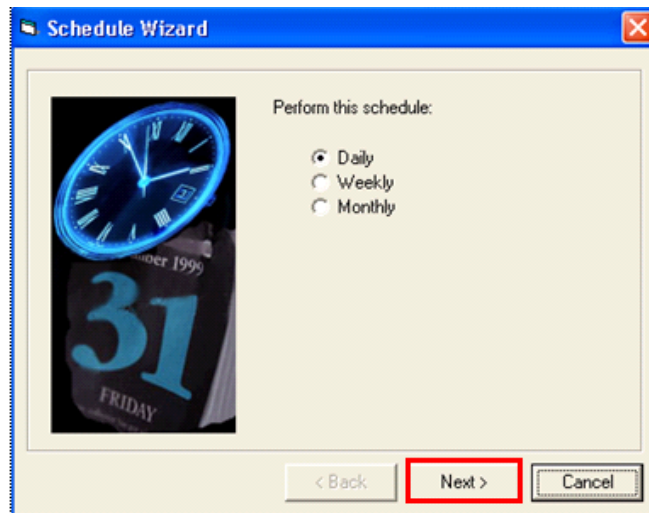


**Note** – The ECS extract must not clash with backup or reindex. Two extracts per day are recommended, one after morning surgery and one after evening surgery.

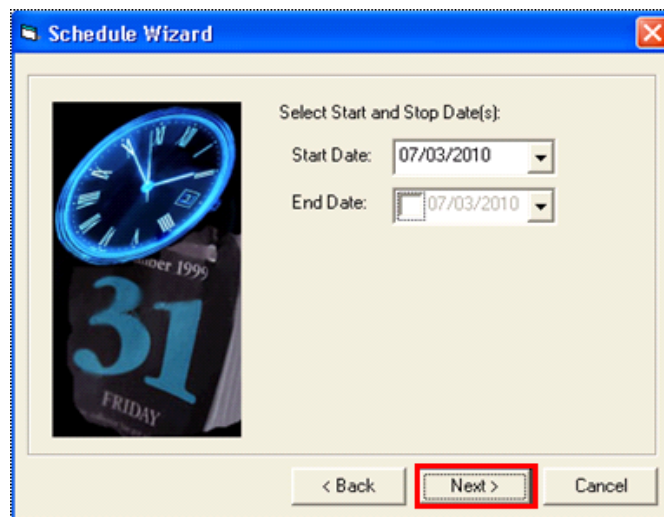
- This will open the **Vision Task Scheduler** window, select **Add** to add a new time or **Edit**, to edit an existing entry.



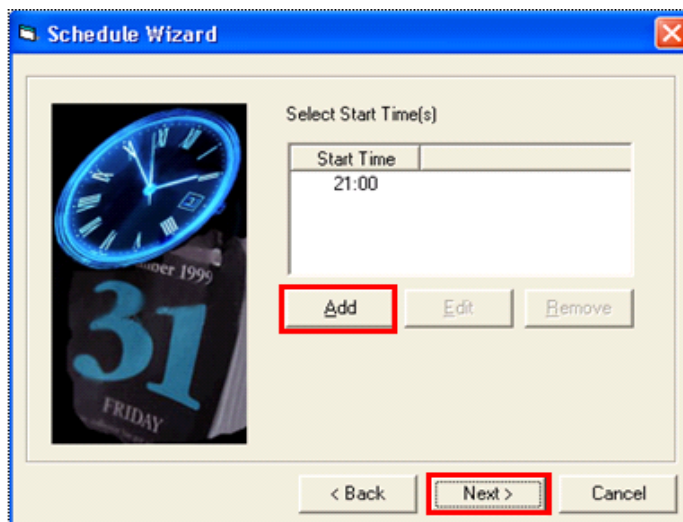
- This will open the **Schedule Wizard** window, Select **Daily** then click **Next**.



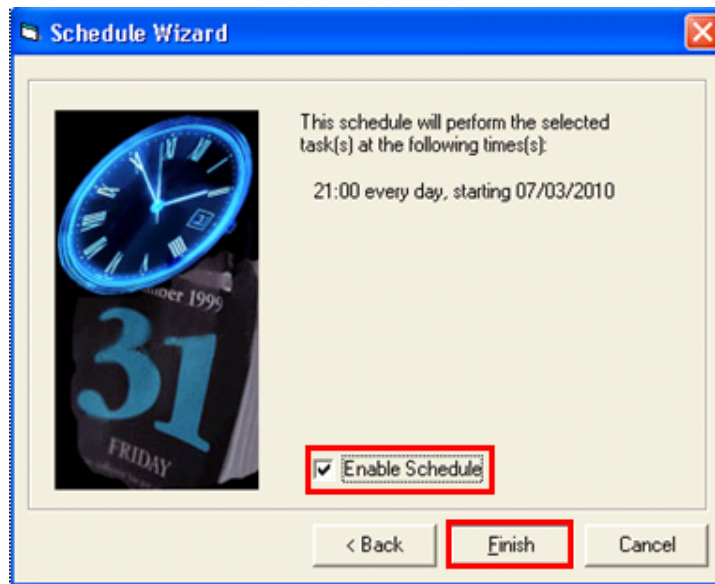
7. Select the **Start Date** using the drop-down list, click **Next** to continue.



8. Click **Add** to enter a time eg 21:00, click **Next** to continue.



9. The details will now be shown, click **Finish** to close, or **Back** to return to the previous steps to change the details. Tick the **Enable Schedule** box. When completed click **Finish**.



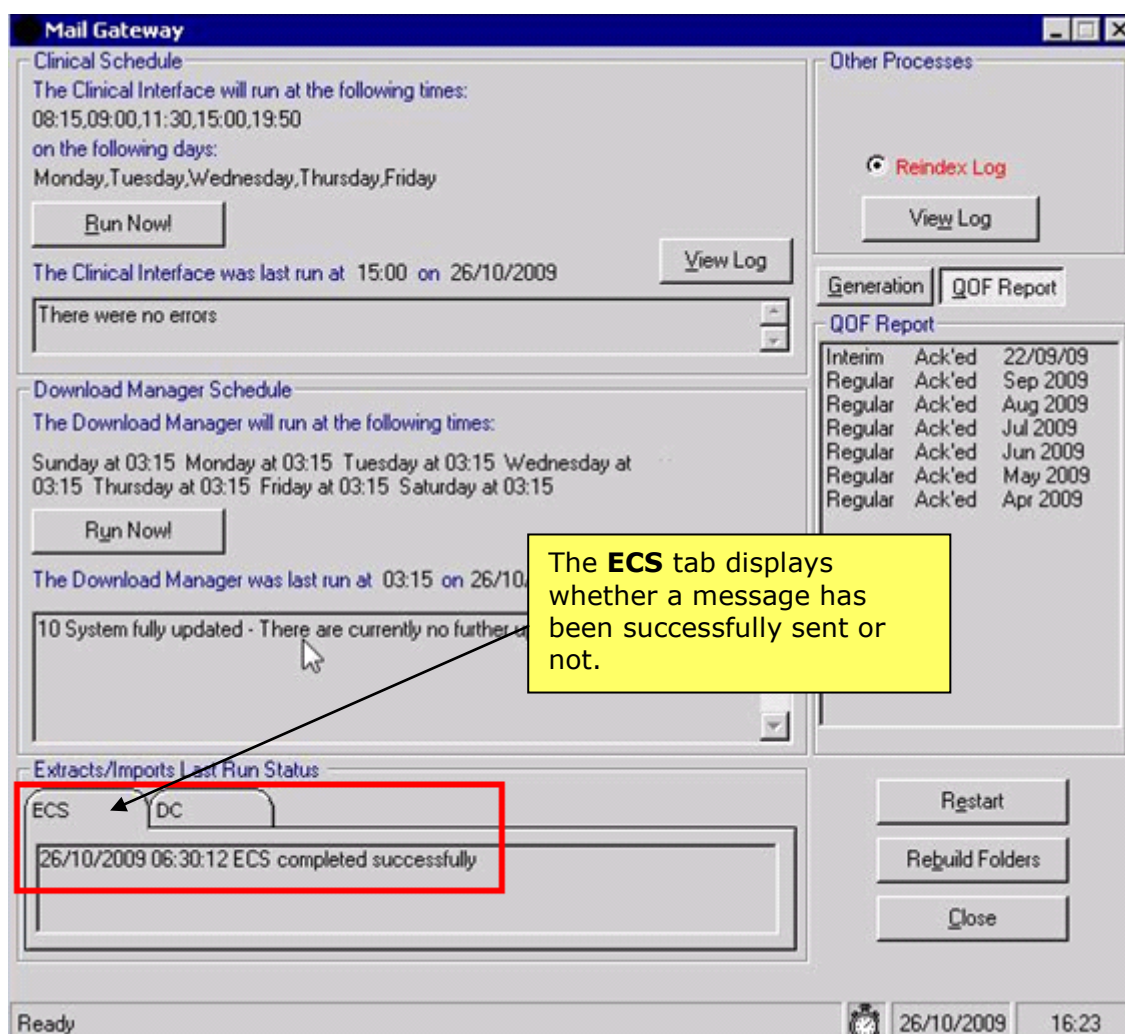
10. Click **Close** to close the Vision Task Scheduler window, then **OK** to close the Options window and finish.

## Checking Mail Gateway

Mail Gateway must be open if the ECS message is to be sent at the times specified in GP Scheduler. To check the Mail Gateway, follow the steps below:

1. Mail Gateway should always be open and running on the GPC machine, if minimized click on the Mail Gateway tab to view the details.

**Note** – If Mail Gateway is not open, click the Mail Gateway Icon on the Desktop of the GPC machine.



*Checking the Mail Gateway.*

2. The **ECS** tab should display the message **ECS completed successfully**.
3. If the **ECS** tab indicates that the extract has not been sent successfully, contact the Helpline.