



**PowerHealth Solutions**  
 >>> Driving more effective healthcare



# PowerPerformance Management

*Helping healthcare organisations achieve clinical performance and budget objectives*

- ▶ Empower informed decision-making
- ▶ Eliminate high infrastructure and operational costs
- ▶ Gain efficient access to bottom-line results and manage your business goals
- ▶ Most advanced performance management solution for any organisation size
- ▶ Easy integration with existing and planned systems.



*“PowerHealth Solutions supports the patient safety agenda by quantifying the cost of adverse events.”*

- ▶ **Intuitive & web-enabled**  
 Unlike typical mainframe applications, our web-based architecture further reduces IM&T costs through a familiar desktop environment.
- ▶ **Scalable**  
 Our system architecture has been proven to perform equally well in large organisations as well as smaller organisations.
- ▶ **Flexible**  
 Our web-enabled architecture can run over a corporate intranet or the Internet.

## Meet any Trust-wide reporting requirement

With the PowerHealth Solutions suite of performance management tools, healthcare organisations have state-of-the-art technology for accessing virtually any data source, providing powerful analysis and reporting for a single version of facts.

Our costing and contract revenue products complement each other, leading to profit and loss analyses, with the solution being enhanced by clinical auditing.

## Ensure information accuracy and availability

PowerPerformance Management promotes data quality and Trust-wide reporting consistency. Embedded analysis tools enable efficient and accurate answers to sophisticated business questions.

## Improve patient safety

Reducing adverse events is crucial to achieving an organisation’s mission of delivering quality care and ensuring safety for all patients. PowerPerformance Management supports this ethical imperative by quantifying the actual costs of adverse events using information fed from an incident management system.

## Leverage IM&T investments & eliminate unnecessary overheads

Our performance management solution significantly reduces overall decision support costs, and effectively breaks the price barrier to entry over all other solutions.



## State-of-the-art technology

Our Integration Manager provides open connectivity to data from all systems, in their existing file formats. Powerful data integration functions are simplified for users to perform the following data load functions without IM&T programming support:

**Load** data in its current interface format by selecting from a list and clicking a button. Incoming data is automatically cleansed, ensuring that quality decisions are based on quality information.

**Link** patient services to patient episodes using the linking rules that you define.

**Derive** additional useful information for costing and reporting purposes, eg derive patient’s current age, length-of-stay, or ward transfer times from existing information.



**United Kingdom**

1st Floor, Prudential Building,  
 11-19 Wine Street, Bristol, BS1 2PH  
 Tel: +44-117- 370-1478  
 Fax: +44-117-929-8138



**Australia & New Zealand**

1/133 Gouger Street,  
 Adelaide SA 5000  
 Tel: +618-8410-6404  
 Fax: +618-8410-6403



**United States**

5431 South Geneva St, Suite 100,  
 Englewood, CO 80111  
 Tel: +1-303-683-8239  
 Fax: +1-720-200-1098



## PowerPerformance Management

## Cost Manager

*Identify opportunities for cost saving and improved clinical resource efficiency*

*“The Whittington chose PowerHealth Solutions to bring a fresh approach to NHS costing, as they have considerable experience in this field in health systems outside of the UK.*

*“Although it took some time to adapt the system to the NHS, this has now been completed and we are extremely pleased with the result.*

*“PPM is a very flexible product and it has helped us not just with costing but with income, profitability and service line reports all from one package.”*

*Tim Jaggard*  
 Deputy Director of Finance  


- ▶ Big-picture view with map and dashboard
- ▶ Central processing with local ownership
- ▶ Fast processing
- ▶ Facilitates frequent processing

### Streamlined and simplified

Be fully informed at a glance with the new and streamlined interface. Processing is now lightning fast.

### Process Map

The Overview Map clearly shows the simplified process flow, with status traffic lights for each step.

### Dashboard

The Dashboard shows the progress of tasks in the processing queue.

### Inbuilt Scheduler

The Scheduler automates data processing for timely reporting and analysis.

Report on a daily or weekly basis, or as often as required.

*Spend more time analysing results and less time processing data.*

**Sophisticated costing** Easy to implement and maintain, using organisation-wide costing rules and identifying their exceptions. Analyse cost overruns by investigating your patient costing information down to length-of-stay, department, activity code, and finally down to the cost buckets that make up the total costs for a single activity.

### Better prepare your Chart of Accounts for Patient Costing

Includes sophisticated tools to help you better prepare your Chart of Accounts for Patient Costing purposes, enabling users to easily move amounts between cost centres, create dummy cost centres and account codes, offset revenue against expenditure, and define how corporate overheads should be treated.

**Accurate results** Built-in reconciliation and audit reports present accurate and consistent costing results. Each process is reconciled back to the original GL using mainstream and easy-to-use technology from Crystal Reports.

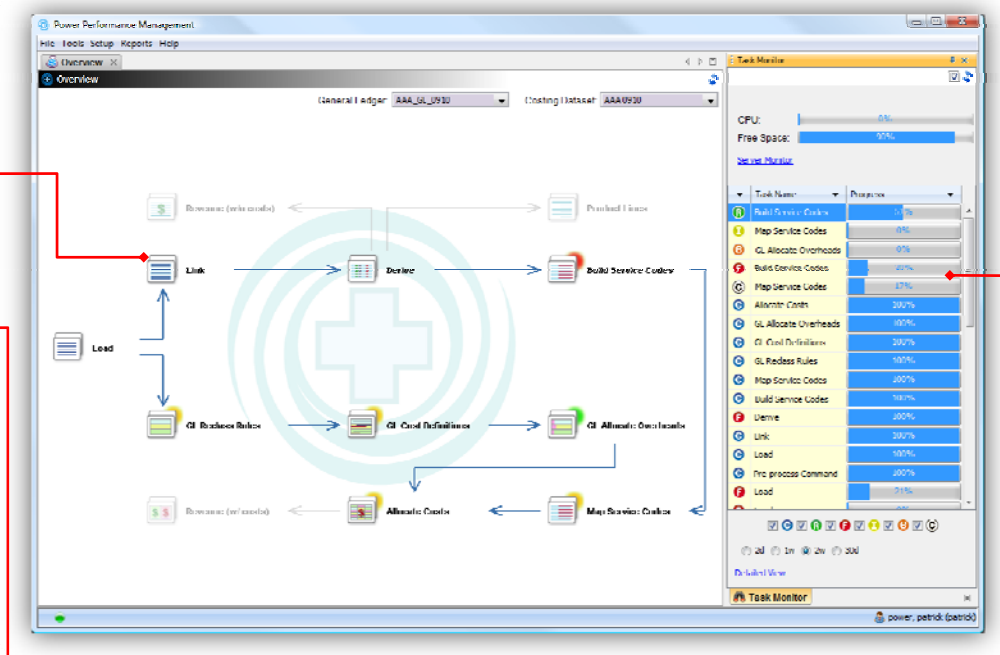
### Create patient level activity data in the absence of feeder systems

Easily create patient level activity data for areas that do not have a feeder system, eg Obstetric Theatres, based on OPCS-4 or ICD-10 coding, or other feeder data or on Ward Transfer data.

**Detailed costing, consolidated reporting** Perform costing at an activity level (eg chest X-ray), and consolidate the results to the patient, HRG, service, or any level.

**Easily assign costs down to the service level** Assign costs down to the service and patient level based on duration, standard cost, actual charge, or equally across all services or using user-defined or industry-specific relative value units.

**Improve patient safety** Quantify the actual costs of adverse events using information fed from an incident management system.





## PowerPerformance Management

# Revenue Manager

*Identify Profit and Loss Areas on the fly. Analyse contract performance while managing contract terms and revenues.*

**Revenue modelling** Revenue Manager offers healthcare organisations the ability to model and monitor their revenue from PbR and non PbR sources. Under the control of finance analysts, Revenue Manager reduces the turnaround on applying business funding rules updates.

**Profit & Loss analysis** Use Revenue Manager to easily calculate Service Line profitability.

**Seamless data access** Fully integrated as a part of PowerPerformance Management, Revenue Manager provides modelling capabilities (for example by insurer or HRG) through its automatic and seamless access to PPM patient data.

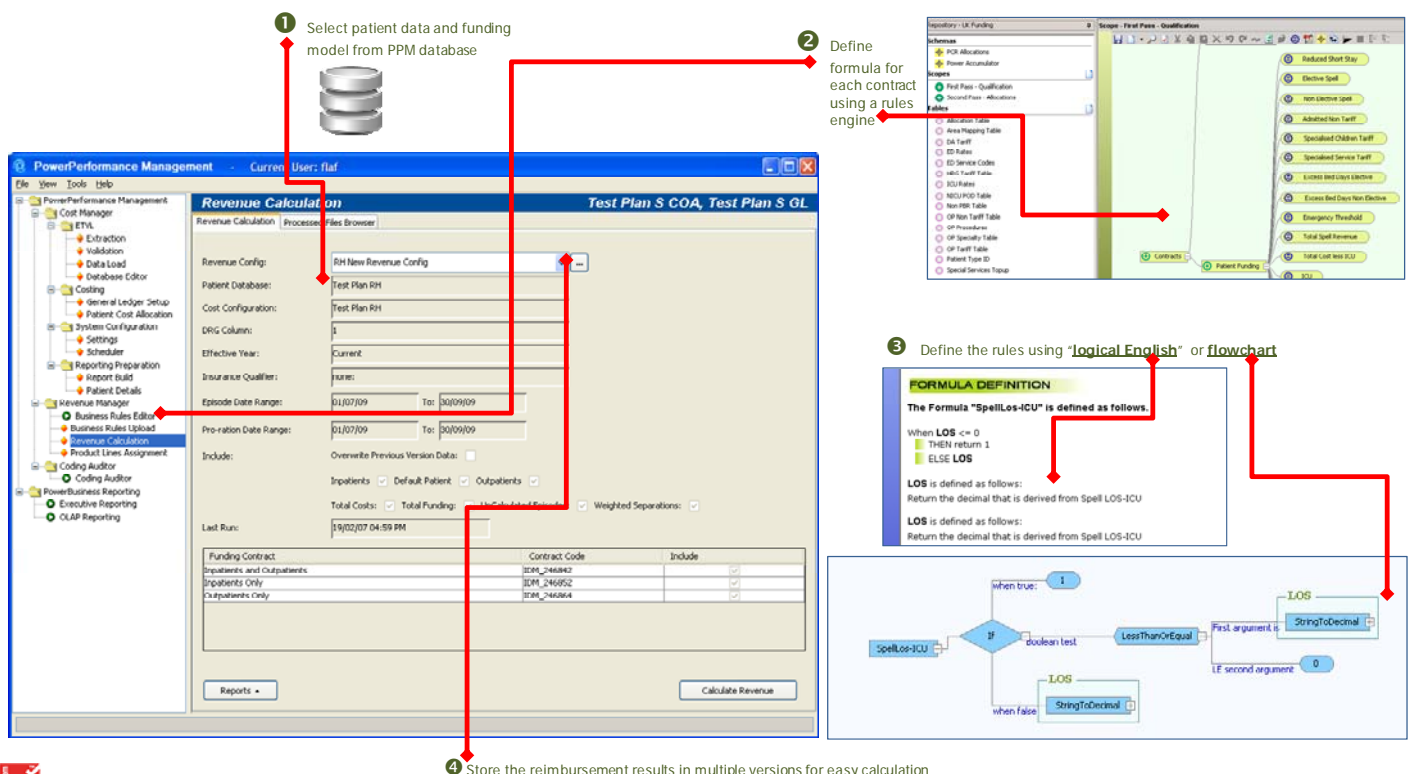
The business rules reside in the rules engine and although they are separate, they engage seamlessly with the revenue calculation code. Year on year changes can easily be incorporated by the use of date ranges for business rules and via the use of period specific reference tables, eg HRG Tariff.

**Easy and powerful** Using Revenue Manager's decision rules engine, you can replicate the business rules for complex terms and conditions of the care contracts using "logical English" as well as diagrammatically with the GUI drag-and-drop interface.

Designed to break the technology barrier, the rules engine empowers business users to own and manage their business rules without IM&T programming support.

To assist rapid implementation and deployment, Revenue Manager comes with funding rules for standard industry contracts as well as a template for setting up other contracts.

- ▶ Quickly gain profitability analysis by comparing revenue to costs
- ▶ Automated and seamless access to Cost Manager patient data
- ▶ Powerful and flexible rules engine for modelling funding contracts
- ▶ Easy to implement & eliminates need for IM&T involvement.





## PowerPerformance Management

# Coding Auditor

*Eliminate funding losses through inaccurate or incomplete ICD coding. Auditing tool of choice used by external auditors.*

- ▶ Automates and simplifies internal ICD clinical coding audit process
- ▶ Eliminate funding losses through inaccurate or incomplete coding
- ▶ Use the same auditing system as the external auditors
- ▶ Easy-to-use and inexpensive.

*“PowerHealth Solutions products consistently outperform their competition. They are web-enabled and technologically smart, and provide an excellent value for money.”*

### Casemix HRG

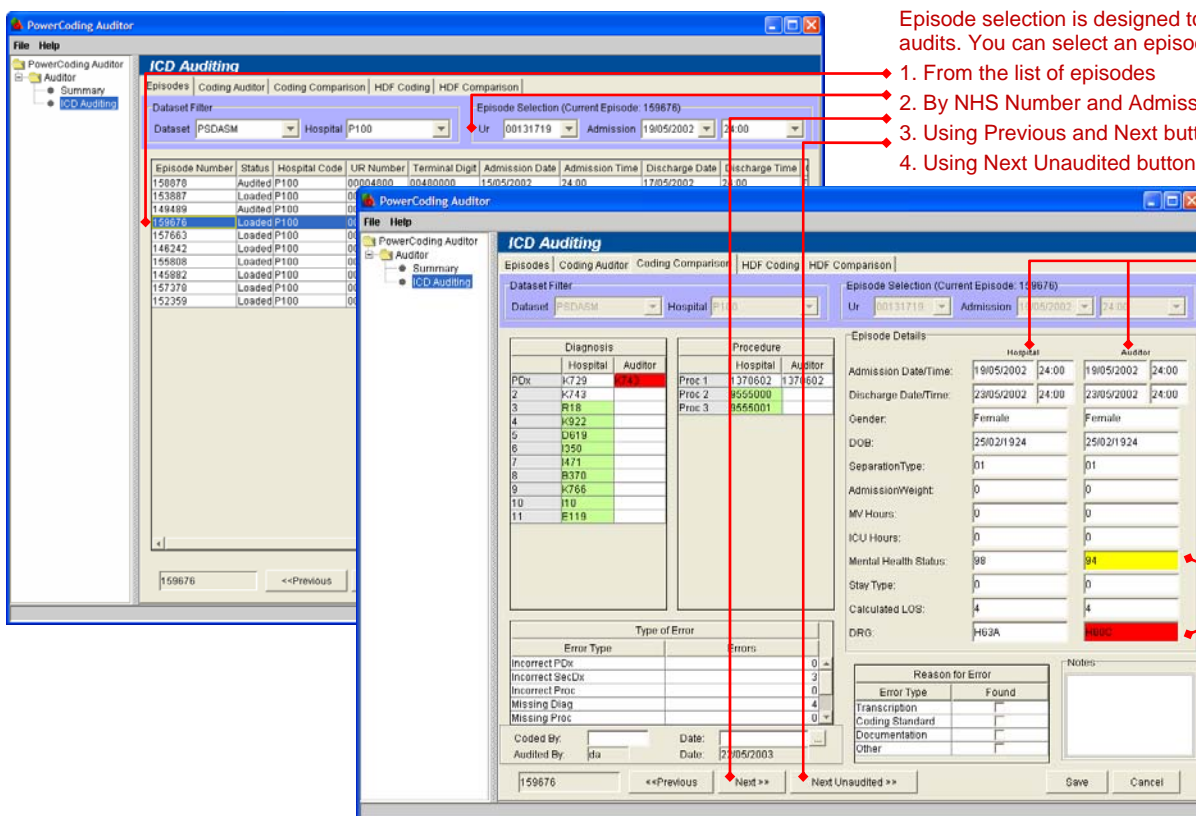
Coding Auditor is relevant to all healthcare organisations, especially those operating within a Casemix HRG system. Use Coding Auditor to ensure significant efficiencies during clinical coding audits over your current manual processes.

### Intuitive assistance

The auditor is always in full control of the audit, using their expertise to make decisions while being silently assisted in intuitive ways.

### Easy to use

- ◆ Auditors can select episodes in many different ways, to suit their preferred working style.
- ◆ Auditors can search for the required diagnosis or procedure by entering a partial description or the procedure block number.
- ◆ The double-column layout displays the auditor’s own codes next to the original codes, optimising visual comparison.
- ◆ Differences between auditor’s codes and the original codes are highlighted in colour, indicating potential severity of the difference.



Episode selection is designed to fast-track audits. You can select an episode in many ways:

1. From the list of episodes
2. By NHS Number and Admission Date
3. Using Previous and Next buttons
4. Using Next Unaudited button.

Double-column layout makes it really easy to compare the auditor’s codes against the original codes.

Differences are highlighted in colour, indicating the degree of the potential error.

Episode Number	Status	Hospital Code	UR Number	Terminal Digit	Admission Date	Admission Time	Discharge Date	Discharge Time
158078	Audited	P100	00004800	00480000	19/05/2002	24:00	17/05/2002	2:00
153887	Loaded	P100						
149489	Audited	P100						
157379	Loaded	P100						
157663	Loaded	P100						
148242	Loaded	P100						
155808	Loaded	P100						
145892	Loaded	P100						
157379	Loaded	P100						
152359	Loaded	P100						

Diagnosis		Procedure	
PCx	Hospital	Hospital	Auditor
1	K729	Proc 1	1370602
2	K743	Proc 2	9550000
3	R18	Proc 3	9554001
4	K922		
5	D619		
6	I550		
7	I471		
8	R370		
9	K766		
10	I10		
11	E119		

Episode Details	
Hospital	Auditor
Admission Date/Time:	19/05/2002 24:00
Discharge Date/Time:	23/05/2002 24:00
Gender:	Female
DOB:	25/02/1924
SeparationType:	01
AdmissionWeight:	0
MV Hours:	0
ICU Hours:	0
Mental Health Status:	98
Stay Type:	0
Calculated LOS:	4
DRG:	H62A

Type of Error		Errors
Incorrect PCx		0
Incorrect SecDx		2
Incorrect Proc		0
Missing Diag		4
Missing Proc		0