



[www.sojourn400.com](http://www.sojourn400.com)



## What is Sojourn?

Sojourn is an exciting new tool to track changes to database transactions on the IBM iSeries platform. It can be put to use by distinct groups of company staff to review database transaction history over any selected period for any part or parts of the database.

## Who uses Sojourn?

Sojourn is aimed for use by companies in finance, travel, transport, distribution, retail & manufacturing industries.

Sojourn is used by some leading companies including British Airways and Kuoni Travel.

## What are the benefits?

### *Historic Information Provision*

Business needs to be aware of information changes. Such as

- Supplier product price
- Order quantity of an item within an order
- Discount amount

Sojourn employs compression techniques so that historic information can be retained for a longer period than practical with traditional database storage. Storage of database transaction logs in Sojourn is highly compressed – record images contain only changed fields (indeed, changed bits). The space occupied by the log files should be a small fraction of space used by the system journal.

Sojourn can answer questions that built-in applications do not or save development time with a simpler solution.

### *IT performance aid*

Sojourn can be used to reveal an unexpected or excessive

sequence of updates made to the same record by one or more programs. This may in turn point to flawed program design. Correcting the flaw may result in a performance improvement.

### *IT debugging aid*

When new database update programs are written, tracing precisely what updates are made and whether these are correct can become time consuming. Sojourn provides search facilities and can report, down to the level of a particular field in a record acquiring a certain value.

Occasionally, someone may have used DFU to make a data correction. This tends to happen as a fix to an original mistake by an application program. By identifying this use, systems departments can be aware of where program corrections are needed.

### *Company audit support*

Most companies have periodic visits from the company auditor – internal or external. Queries may arise requiring one-off report programs to answer these. Sojourn can help cut down the time and effort in providing the necessary answers (the only requirement being that relevant files have been specified to Sojourn for auditing).

### *Error tracking support*

There are times when a user may enter a wrong value for a field. Usually, only the end result shows up in application related queries. Sojourn can be used to display the date and time, and the user and program name by which the incorrect value was entered. This may point to the need for tighter validation in the program or improved user training.



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**SOJOURN**  
IBM - iSeries DATABASE TRANSACTION TRACKER

## What are the system requirements?

### *Sojourn system requirements on iSeries or AS/400*

- OS/400 version 4.4 or higher
- 30-40 MB of disk space for product library BGSI.
- Disk space for log files.
- Journaling of selected database files

### *Sojourn system requirements for the PC interface*

While Sojourn includes a completely AS/400 based presentation capability, the PC presentation module can be used for providing attractive (PC style) display. Following are the minimum requirements to run the PC module:

#### **O/S**

32-bit Windows (such as Windows 9x/NT® or later) along with, for TCP/IP transport, the appropriate TCP/IP protocol stack, Microsoft Data Access Components (MDAC).

#### **CPU**

Intel® Pentium® II processor (or equivalent)

#### **Video**

Super VGA, 16 colors, 800\*600 resolution (preferably)

#### **Memory**

64 Mb RAM, approx. 5 Mb free hard drive space for PC module, variable space for AS/400 application structures stored locally on the PC. This is likely to be in the region of 1 or 2 Mb.

#### **PC to AS/400 link**

Client Access ODBC driver (32 bit) version 6.00.xx upwards.



## More Information ?

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