

## UK Bio-Technology Case Study

### SAS USED FOR AUTOMATED WEB REPORTING

#### The Challenge

The company has several Unix servers. One of these Unix servers acts as the organisations Web server. Web access is provided via Web browsers on the users PC's. Production and Development environments are required to allow programs to be developed whilst simultaneously being used to generate the Web pages. Version control for production programs is provided via the Unix facility SCCS. All SAS programs use user defined macros for the majority of their processing making the whole system easily maintainable.

#### The Solution

Static Web Pages and Dynamic Web Pages are created as HTML with the ability to export the tables to Excel directly from a Web browser. The data is located in several databases with the static pages being generated by regular SAS batch jobs. The Web pages are held on a Unix machine acting as the Web server whilst the SAS batch jobs are run on another Unix server. The resulting Tables are then formatted into HTML and copied over to the Web server. The dynamic pages are generated via SAS programs. The data for the studies is spread over several databases and is updated daily. To speed up the application the graphs are saved permanently and are only re-generated if the saved copy is over 1 day old.

#### The Results

Amadeus Software provided critical SAS consultancy for this SAS/IntrNet Application in the Design, Specification and Implementation Phases. All programs are now automated and dynamic.

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