

# CONFORT

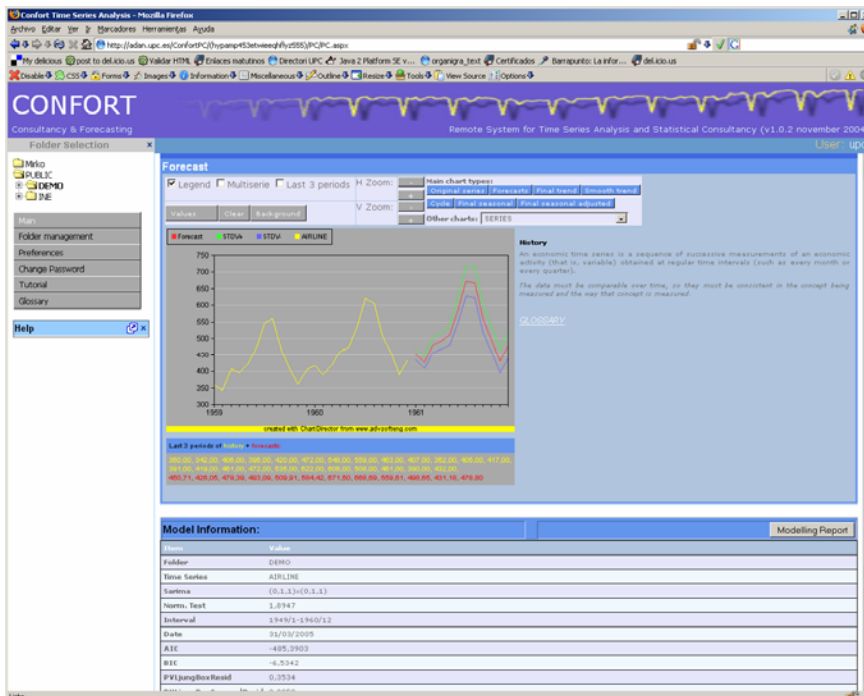
## Time Series Analysis System

A tool developed by the Department of Statistics of the UPC to statistically analyze Time Series

**CONFORT** is a sophisticated forecasting tool, based on the Time Series analysis. The statistical base represents the state of art of the Time Series research. The system has been designed specifically for Statistical Institutes, Official Organisations and industrial process planning.

Visit the **CONFORT** web and register as a user for **FREE\***. Discover the wide amount of possibilities that offers the most intuitive and versatile forecasting system in the market.

<http://confort.upc.es>



**Why use CONFORT?** It has been designed as a web application, accessible with the most common browsers with any device capable to connect to the Internet.

Most of the functionalities offered by CONFORT can be independently used despite from the interface used, by any kind of application, using the most used standards for Internet.

(\*) Valid for 3 months

The **CONFORT forecasting system** offers and eases the use of the best statistical packages for Time Series Analysis.

**TRAMO:** Automatic modelling and forecasting system. Allows the detection and correction of outliers, just as calendar and Easter effect detection and correction.

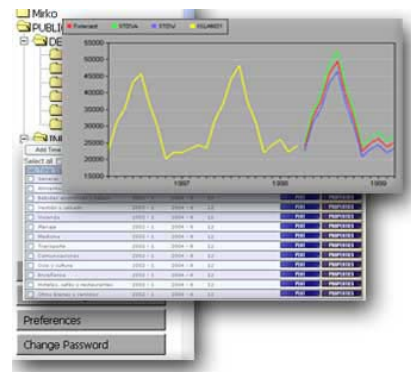
**SEATS:** Time Series decomposition. Obtains trend, seasonality and irregular component of a Time Series.

**TRACE:** Time Series analysis using filters. Intended for studying the behaviour of the economic cycles.

**CONFORT** integrates the functionalities of these three statistical packages and offers them to the user through a easy to use web page. It is also possible to integrate it in other applications using the protocols **SOAP** and **XML**.

## Benefits

- Possibility to integrate the statistical functionalities in external applications.
- Access your data and analysis from within any computer.
- System is ever updated. Use **EVER** the newest version without paying new licences.
- Easy to use system, with a very intuitive interface.
- You don't need to be an expert in statistics to get professional results.



**CONFORT** obtains model and forecasts using the Box-Jenkins methodology. The whole list of statistical tools offered by the system is:

- Univariate Time Series modelling
- Forecasts
- Automatic outlier detection and correction
- Automatic Easter and calendar effect detection and correction
- Seasonal adjustment
- Cycle and trend estimation
- Forecast error control charts