

# Cruncher



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## Contacting HRS

We are based in Hamilton, but supply, support and demonstrate our products around NZ as needed.

### Free Phone

0800 HRS PRO

(0800 477 776)

Phone 07 839 9102

Fax 07 839 9103

Email [info@hrs.co.nz](mailto:info@hrs.co.nz)

### Web Site

<http://www.hrs.co.nz>

P O Box 4153

Hamilton East

510 Grey Street

Hamilton East

## Welcome to the New Millennium, again

Here we are in 2001 – there is no doubt **this** is the New Millennium! To start the year we are concentrating on new products, and training courses. We thought that in this millennium we would not be enclosing lots of brochures on training and semi-

nars, instead using the Web site to publicise the courses. However, when we did this recently too few of you responded, so we are returning to 20<sup>th</sup> century technology. We are sorry for the trees, but they are sacrificed in a good cause.

## Help us to support you

We often find that people buy software from other suppliers, and then ask us to support them at no charge. Put like that, it sounds crazy, but it happens for a number of reasons. We are often the only organisation providing support, but you can buy many products from the Web, and some organisations sell software in NZ (at higher prices than us) by means of their links to bulk software suppliers.

Please tell your purchasing departments to buy from us, if you have used our pre-purchase support and expect to use our support and training facilities. We are happy to meet anyone else's price, and will gladly sign up to bulk purchase arrangements.

## SPSS seminars

The new series of SPSS seminars will focus on using SPSS to make better decisions based on your general business data. If you have been put off from coming to previous seminars because of the marketing focus, then try one of these. If you would like to see something in particular demonstrated, or have a data set to analyse, then email [Ray@hrs.co.nz](mailto:Ray@hrs.co.nz). See the enclosed flyer for details.

## Staff changes

We have appointed Greg Rogan as a technical support person. He has a great facility with software, and has already made a lot of customers happy.

He has been able to take over gradually from Simon Watson, who has become our webmaster. (We needed a specialist, to maintain our web site which has grown to more than 200 pages.)

## Use Clementine to teach data mining

Clementine is a visual workbench for the data miner. With Clementine you can incorporate data mining while teaching e-commerce and/or business intelligence concepts. The students learn "how" not just theories and methodologies.

Named the number one data mining product by the META Group, Clementine empowers today's enterprises to answer specific business questions and find answers you can't get from traditional data mining products.

Arming students with the expertise to understand, analyse and present information in order to leverage its power is easier than ever with Clementine from SPSS.

To see the special deals that HRS can offer those who teach with Clementine, go to <http://www.hrs.co.nz/promo/clementine.html>.

## Free publicity for your tertiary course

If you are teaching any course that uses software we sell, then we are happy to list the course on <http://www.hrs.co.nz/trainers/>. We expect companies and students who have an interest in these products to seek out the courses you offer. Send an email to [mycourse@hrs.co.nz](mailto:mycourse@hrs.co.nz) to request a form to fill in.

## Exchange rates

Expect our prices to fall in the next few months if the NZ dollar continues to appreciate at the rate it is at the time of writing, in December. But don't hold off those purchases - currency values may move down as fast as they move up!

## New Software

### The MathWorks release 12 CD.

This release is now the current version, and includes MATLAB 6, SIMULINK 3 and updates to many toolboxes. All existing users under subscription should now have received their updated copy, so if you think we have missed you out, please phone or email Marc@hrs.co.nz. Of course, you can always contact him if you are an owner not on subscription, or if you just want to know why so many other people are using MATLAB.

### SYSTAT 10

We are now supplying this product, after a bit of a delay. The major advance is the provision of GraphExpress, that gives SYSTAT graphics to SAS users. Some will find the Mixed Regression and Power Analysis features to be valuable, and everyone will appreciate a host of ease-of-use and output improvement features. For details, go to <http://www.hrs.co.nz/more/systat.htm>.

### Mathematica 4.1

Mathematica 4.1 contains enhanced solvers and functions, and an improved pattern matcher and compiler. These allow you to solve more complex problems more quickly. MathML and HTML integration helps academics and technical professionals share their work over the internet, while J/Link allows the design of innovative applications, combining the strengths of Mathematica and Java. <http://www.wolfram.com/products/mathematica/newin41/> gives you more detail

### Mathcad 2001

We have plenty of stock of this new release, and can highly recommend it. As well as increased speed of calculation, and the ability to put active mathematics in web pages, you get a "light" edition of the VisSim dynamic simulation programme, and many other add-ons.

You can create indexes to your electronic documents (ideal for documenting engineering design procedures).

You can save in a form of HTML that incorporates MathML, a technology that allows equations to be displayed using IBM's techexplorer™ Hypermedia Browser, a MathML renderer. This does not allow you to recalculate expressions, but you can view the symbolic characters. For a brochure, email Marc@hrs.co.nz or phone 0800 477 776.

### SPSS 10.1

The main feature of the SPSS 10.1 upgrade is a variety of additional and improved database connection drivers. Normally we would send this CD out to all current SPSS licensees, but because the improvements will affect few users, and we are expecting version 11 in a few month's time, we feel it is better to supply this upgrade only when it is needed. Installing SPSS is simple and quick on a single computer, but many users are on network systems where the time and effort expended outweigh the gains. Go to <http://www.spss.com/spss10/details.htm> to see if the improvements will affect you, and email Glen@hrs.co.nz if you want the upgrade.

## Training

### Mathcad Training

Mathcad 2001 is now here, and Helen Quekett has updated her Mathcad training course to incorporate the latest features. Remember you can come to her, or she can come to you and provide a tailored in-house course. See the enclosed flyer for course details, contact Marc, or visit [www.hrs.co.nz/services/trainmathcad.html](http://www.hrs.co.nz/services/trainmathcad.html).

### MATLAB Training

We got such good feedback from the last course he did we invited Shane Underwood back to conduct another course in MATLAB for us. He has revised it to take advantage of the many improvements in MATLAB 6. See the enclosed brochure for details.

### Quantitative risk analysis training.

This year Kathy Boardman is our trainer for people who need to know about quantitative risk analysis. We have been really impressed with her skill, enthusiasm and knowledge for many years, and are delighted that we can now call on her to train people on this topic. This course is especially useful to people who use @RISK, but not solely to those people. The enclosed flyer explains who can benefit and how to enrol.

### Other Training

In addition to the courses mentioned here, we enclose a flyer for a public SPSS course. We also run courses in Advanced SPSS, SigmaPlot, SPSS data entry, Survey Pro and SYSTAT, some of which will be offered publicly later in the year. Do tell us if you would be interested, or if you would like a course on another product we sell.

### SPSS hint nine

*When you install SPSS, scripts are installed in a subdirectory of your SPSS program directory. There are two scripts that export your output tables to Word or Excel, but they don't work on the version 10 output file. If you need to use them, download a new version from <http://www.spss.com/tech/SCPTXCHG/#new>*

### SigmaPlot hint

*Many people will be able to save time by using a user-defined SigmaPlot transform file to reformat their data. In statistics programs and in databases, you often have two columns of data, one for the data, and one for the category that the data belongs to. For instance, fish length, and the fish species. To plot a bar graph of the average length for each species in SigmaPlot, you need to make a separate column for each species. This can be tedious to do manually, but the commands in the article called "Reformat SigmaPlot Data" at <http://www.hrs.co.nz/analysis/will do it for you>.*