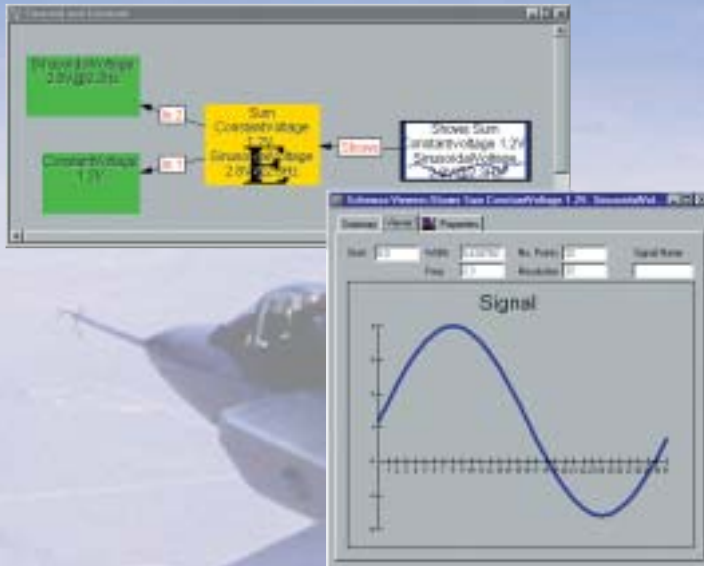


newWave

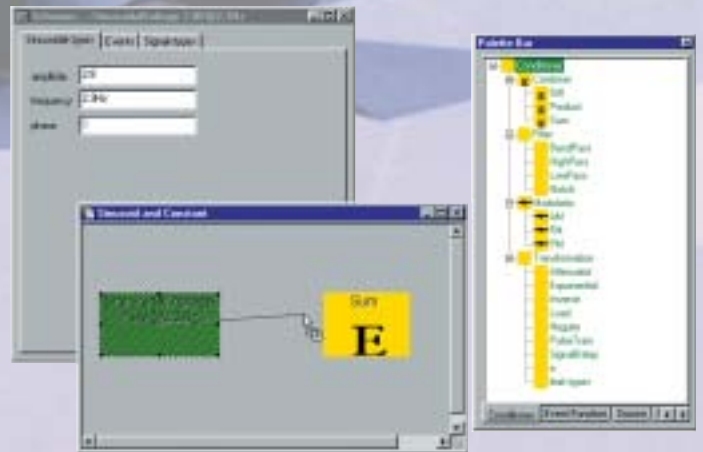
Software Based Signal Definition & Simulation for Standard Test Descriptions



A graphically based signal modelling tool that promotes flexible, concise and unambiguous mapping between signal definitions and resource descriptions.

Signals can be built from basic signal components, conforming to the forthcoming IEEE 716 Signal Definition and Test Description (SDTD) standard, enforcing compliant signal definitions.

newWave's graphical development environment allows intuitive drag-and-drop signal definition, without specialist application knowledge or knowledge of the forthcoming IEEE SDTD standard.

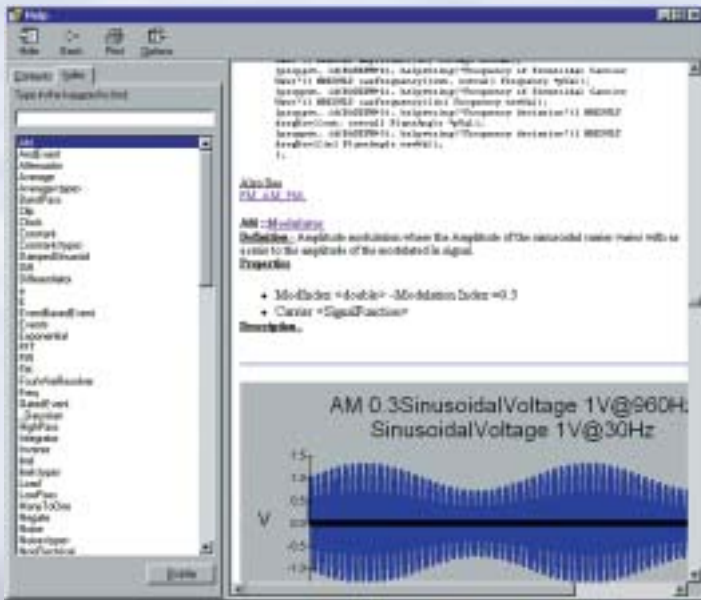
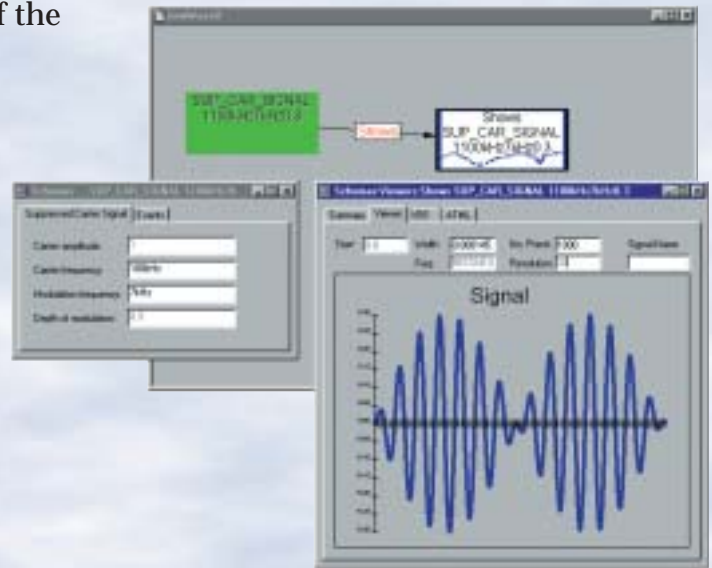


newWave supports export and import of signal definitions in such languages as VB and XML.

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- created with Racal Instruments newWave (http://www.racalinst.com) -->
<!-- W3C Schema generated by newWave (http://www.racalinst.com) -->
<Signal name="SinAndConst" Out="Sum7"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:noNamespaceSchemaLocation="..\signals.xsd">
  <ConstantVoltage name="Constant8" amplitude="1.2V" />
  <SinusoidalVoltage name="Sinusoidal17" amplitude="2.8V" frequency="2.3Hz" />
  <Sum name="Sum7" In="Constant8 Sinusoidal17"/>
</Signal>
```

Test Signal Frameworks (TSFs) are composites of the basic signal components, providing a library of commonly used signal components.

Like the basic components on which they are based, TSFs are also part of the forthcoming IEEE SDTD standard and are supported by *newWave*.



Context sensitive help provides detailed information on basic components and TSFs, including how they are modelled and how they are used.

newWave currently supports analog stimulus signal definition and simulation. Digital and measurement functions are planned product additions as the standard permits.

The full version of *newWave* enables additional features, such as the ability to define your own reuse-able TSFs or integrate the tools capabilities into your own application, through ActiveX technology.

US Navy Photo

Racal Instruments Inc.
4 Goodyear Street
Irvine, CA 92618
USA
Tel: +1 800 722 2528
+1 949 859 8999
Fax: +1 949 859 7139
info@racalstruments.com

Racal Instruments Ltd.
29-31, Cobham Road
Ferndown Industrial Estate, Wimborne
Dorset BH21 7PF
UK
Tel: +44 (0) 1202 872800
Fax: +44 (0) 1202 870810
newWave@racalinst.co.uk

www.racalstruments.com

