

## **DaTARIUS able to test copy protected discs.**

The Research and Development Team of DaTARIUS Technologies GmbH, based in Austria, has developed and implemented in the CS-4/WIN control and management software several schemes that enable testing of copy protected discs as well.

'Copy protection has become a major issue in the industry,' says Peter Hausberger, Research and Development Manager. 'Not only the number of copy protected discs produced grows rapidly, also the number of copy protection systems applied is expanding. More and more customers implement some kind of copy protection scheme'. Obviously copy protected discs need testing as well. The challenging part of testing copy protected discs is the fact that the applied copy protection system can cause one or more signals to be out of range, although the disc is perfectly playable.

'To enable our software to test copy protected discs we need certain information from the company that designed the copy protection system,' notes Bernhard Lechleitner, R&D Project Manager. 'From the moment we know which characteristics cause certain signals to be out of range we can start designing a scheme that will test the disc, ignoring the effects caused by the copy protection system.'

DaTARIUS has developed solutions for testing discs that are protected with the majority of copy protection systems currently available on the market. These include SafeDisc I / SafeDisc II and SafeAudio from Macrovision and the CDS range of copy protection products developed by Midbartech. A solution is also offered to the manufacturers of Super Audio CDs (SACD). DaTARIUS is investigating solutions for other copy protection schemes as well. 'These are the companies that our customers have mentioned when talking about copy protection, so these are the copy protection systems we focus on, to guarantee that applying a copy protection system does not mean more complicated testing,' notes Paul Todd, Sales Manager. 'Here is where we really can show the flexibility of our products and enhance existing tools to meet the current needs of our customers. We do not want our customers to get disadvantaged because they apply copy protection systems, in fact, DaTARIUS as a company supports the copy protection of discs to stop illegal copying.'