



**NAS**software Limited  
Incorporating InfoSAR

## NAS News May 2010

### NAS merges with InfoSAR

NA Software Ltd are pleased to announce the merger with our sister company, InfoSAR Ltd. With its industry renowned [InfoPACK](#) SAR image understanding software package, and highly accurate [Modular SAR Processor](#) InfoSAR went on to bring us [SARMTI](#), a new technique which offers a unique capability in SAR imaging of moving targets. We welcome Prof. C. J. Oliver CBE, Chairman of InfoSAR as a director of NAS and head of the SAR group. This expansion has led to further changes to the NAS board with Dave Murray joining as a director and Ed Delves as the new Company Secretary.

### Intel AVX

Having produced a SSE optimised VSIPL library for Intel processors in 2009, Intel asked us to produce a number of AVX optimised VSIPL routines for comparison. We can't give you any figures yet but we can say that the early signs are that AVX is looking hot!

We also wrote a SAR benchmark program for Intel last year using the Intel IPP library optimised for SSE. We have now ported the program to use DSP algorithms from our own CSIPL library (a "plain C" callable version of VSIPL). The CSIPL routines have been optimised for both SSE and AVX; again, the advantages of the new AVX hardware and 8-way instructions are evident in the results we are getting.

### NAS rides the recession

Despite the recession hitting our industry hard, NAS is expanding. End of year results for March 2010 show a 50% increase in turnover and we are equally busy in 2010/11. Reflecting this we welcome back Dr Tim Oliver and Dr Gordon Pryde to the technical team, and expect a further substantial increase in turnover in the current year.