

# Press Release

verum®

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ASD:Portal released

Tools for building  
mathematically  
verified software

## SaaS based tool cuts embedded software development costs

Verum has launched release 2 of the ASD:Suite software design toolset, incorporating the first release of the ASD:Portal. With release 2 the ASD:Suite moves to a Software-as-a-Service (SaaS) business model: customers pay per use, significantly lowering adoption and ownership costs and delivering a rapid return on investment. The ASD:Portal allows customers to manage their users and licences, get usage reports and view their billing information on-line. In the future it will be extended to provide customers with a full range of objective software development metrics.

Verum's CEO Robert Howe explained the importance of the ASD:Portal announcement: "The ASD:Suite lends itself perfectly to a SaaS business model. The customer benefits from reduced ownership costs because Verum looks after all aspects of managing the ASD:Suite's computing intensive model checking tools. Pay-per-use means that customers pay only for active users, unlike tools which sell for fixed license fees, and the ASD:Portal will enable them to measure the value they are getting from the ASD:Suite. In future, metrics will give them a unique insight into the performance of their development team".

### Verum and ASD Analytical Software Design

The ASD:Suite eliminates all behavioural defects from complex software designs, dramatically cutting the cost of software development, testing and maintenance. ASD:Suite automatic code generation further reduces the cost of software development resulting in an overall reduction of 30%. The key difference between Verum's ASD:Suite and tools that claim to improve productivity is Verum's Analytical Software Design formal verification technology: ASD allows the design of a software system to be formally verified as complete and correct, even before a single line of code has been written.

Leading companies such as Philips Applied Technologies and Philips Medical Systems have demonstrated that ASD increases productivity by a factor of 3-10 at the same time as delivering defect-free code.

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