HSVA

The Hamburg Ship Model Basin

Setting the Standard in Ship Optimisation

COMPUTER CLUSTER

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CFD predictions require their own facilities in form of sufficient computing power. HSVA operates a LINUX cluster to run the in-house CFD code FreSCo+.

The cluster consists of several hundreds of high performance computing cores connected by high speed interconnect network. Several RAID systems are used to store the data. High capacity tapes are used to back up the data. The cluster is continuously upgraded to serve the growing demand for computations.

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