

# TERRA VISTA DART

ALL OF THE FEATURES OF TERRA VISTA PROBUILDER AND MORE



## ACCURATE AND CORRELATED TERRAIN GENERATION SOFTWARE

With the largest terrain generation intall base consisting of thousands of users in over 48 countries worldwide, Terra Vista DART is the ideal software solution for meeting the most basic to the most sophisticated terrain requirements.

Terra Vista Database Automated Re-Use Technology (DART™) is the most sophisticated Presagis terrain software available that supports the re-use of legacy databases, the production of new databases, and the industry’s highest level of correlated outputs through the use of “common source” and “common processing.” DART provides a super-set of the capabilities found in Terra Vista™ ProBuilder™, as well as additional unique functions not found in any other applications on the market today. This enterprise-level tool has been used successfully on numerous time-, schedule-, and budget-critical programs with the need to migrate legacy visual and SAF databases to new corresponding formats.

### TERRA VISTA DART BENEFITS

- The ultimate solution for re-using existing databases and time savings
- Lower project risk using proven and effective terrain software
- Easier workflow within Presagis software pipeline



## TERRA VISTA DART FEATURES

### Seamless Migration

- DART's unique capabilities allow you to port legacy 3-D databases to new formats or upgrade them with new information, without affecting the correlation of the existing data. A prime example is the replacement of a 3-D river with a surface and bottom for use in a ground application, with a 2-D river for use in a helicopter application.

### Ease-of-Use

- Auto-generate airport runways from DAFIF data.
- Use Complex Sections to create complex 3-D roads and rivers.
- Utilize SmartVectors to scatter theme-based models; such as trees, buildings, and textures.

### Interoperability

- Presagis "MMB in a Box" technology allows DART and its options to run up to two instances of the DART build engine on one PC, or as two compute nodes in a traditional Presagis Multi-Machine Build™ (MMB) network. With DART, one PC can deliver up to twice the performance of ProBuilder.
- DART licenses are compatible with MMB as both compute nodes and as Master controllers of an MMB network (with an optional MMB controller).
- TeamWork™, the Presagis collaborative work-share application, allows multiple users to work on discrete portions of the same project simultaneously, to reduce manual production times.

### Proven Performance

- Extensive program testing has demonstrated DART's ability to deliver correlated databases for use in all simulation domains – Live, Virtual, Constructive – in a variety of exercises, including: Urban, MOUT, Ground, Helo, UAV, and Aviation.
- DART has achieved success in programs such as: Joint Strike Fighter, CCTT, AVCATT, B-2, F-117, COVE, SEAL Delivery Vehicle, Army Battle Lab Experiments; and in support of INTEL and Operational support around the globe by: USSOCOM, NATO, DND, USA, USN, and many others.

### GENERAL OPTIONS:

- Terra Vista TeamWork
- Terra Vista Multi-Machine Build (MMB)
- Terra Vista Enhanced Transportation Module (ETM)

### OUTPUT COMPILER OPTIONS:

- Terra Vista OneSAF Terrain Format (OTF) Output Compiler (for use with Objective OneSAF (OOS))
- Terra Vista Compact Terrain Database (CTDB) Version 7 Output Compiler (for use with OneSAF Test Bed (OTB), Modular Semi-Automated Forces (ModSAF), and other SAFs that use the CTDB v7 format)
- Terra Vista Compact Terrain Database (CTDB) Version 8.5/8.7 Output Compiler (for use with Joint Semi-Automated Forces (JSAF) and other SAFs that use the CTDB v8.5/8.7 format)
- Terra Vista Output Compiler for VR Forces (GDB format for use with VR Forces)
- Terra Vista Joint Conflict and Tactical Simulation (JCATS) Terrain Output Compiler (DAF format)
- Terra Vista SEDRIS 3.1 Output Compiler

