



Technology Integration for Heavy Truck Industry, and Automotive & Racing Applications

Heavy Truck, Automotive and Racing are domains with a high degree of product uncertainty and associated high value on product performance. The role of 3D imaging technologies in performance analysis projects and studies is substantial. Since 2004, SCDS has been involved in several projects dealing with:

- o technology integration to build efficiencies into the commercial trucking industry;
- o establishing a process for accurate and efficient modeling of cars;
- o establishing a process for the creation of high quality lofted surfaces (NURBS-based); digitizing and modeling a racing car body within 1-2 days with a minimum staff.

The first works on cars and heavy trucks demonstrated that the workflow elaborated by SCDS will not vary greatly from that of aircraft, and made possible a quite successful initiative of (i) bringing SCDS's Aerospace methods into the engineering repertoire of these industries, and (ii) applying the aircraft capabilities to more complex geometries and profound data mining in order to increase the efficiency by which models are developed.

SCDS Corp.
117-11131 rue Meighen,
Pierrefonds, (QC), Canada, H8Y3H7
(514) 421-2936 office, (514) 685-4924 fax
scdspro.com info@scdspro.com metadataX.com