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TITLE: Has CAPE-OPEN interfacing finally come of age?

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ABSTRACT:

The CAPE-OPEN initiative has been in existence for nearly a decade. The release of the polished version of the CAPE-OPEN v1.0 standard in 2003 has given software vendors a reasonable period of time to produce robust implementations of the interface. TUV NEL has been involved with several companies over the years who have been keen to take advantage of the integration between software packages that the CAPE-OPEN standard offers. In particular, a compliant interface between an independent Property Package (PP) and a simulation environment (PSE) is a key link that is sought by these customers. This paper deals with our experiences of some case studies of using the PPDS Thermoserver as the compliant Property Package plug interfacing with a commercial simulator using the v1.0 standard and examines to what extent the standard has been successful in achieving this integration goal.

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