

**FOR OFFICIAL USE ONLY**  
**Certificate of Networkiness (CoN)**

NETC-TD

FOR Designated Approving Authority, Deputy to Commander/Senior Technical Director/Chief Engineer, 9th Signal Command (Army)

DECISION PAPER

Product: Hydraulic Engineering Center-Hydraulic Modeling System (HEC-HMS) 3.5

Cert#: 201109882

Requestor: The United States Army Corps of Engineers (USACE), Institute for Water Resources, Hydrologic Engineering Center (HEC) has requested a Certificate of Networkiness for Hydraulic Engineering Center-Hydraulic Modeling System (HEC-HMS) 3.5

Recommendation: **Approve**

Factors:

a. Background:

Hydraulic Engineering Center-Hydraulic Modeling System (HEC-HMS) 3.5 is an application that runs on a local workstation requiring no interaction to the LandWarNet. HEC-HMS 3.5 helps the engineer provide a comprehensive description of the hydrologic cycle, combining precipitation, canopy interception, surface storage, infiltration, surface runoff, base flow, channel routing, and reservoir simulation making it possible for engineers to focus on the hydrologic process of a watershed study. The software features a completely integrated work environment including a database, data entry utilities, computation engine, and results reporting tools.

HEC-HMS 3.5 is an application that operates on a standard platform, it has been evaluated against AGM Vista machines. This product is a desktop application, all data processed will stay local to the hosting device.

b. Facts:

c. Restrictions:

HEC-HMS was evaluated as a desktop application only, and not for use on a distributed network or with a Web server. Any other configuration or use will invalidate this Certificate of Networkiness.

d. CoN Type: Enterprise

e. Functional Category: Modeling & Simulation

This CoN will expire: 11/15/2013

POC:

(520) 538-1199 DSN: 879-1199

Email: [army.networkiness@us.army.mil](mailto:army.networkiness@us.army.mil)

DAA Additional Comments:

This Certificate of Networkiness is based on a trusted standardized platform, configured per FDCC. All patches and updates will be provided by the host network administrator (NEC or DECC) in accordance with all technical directives, mandates, and IAVM. This Certificate of Networkiness is no longer valid should the assessed configuration be significantly altered. Per Army Cyber Command guidance, all operating environment will implement HBSS capabilities. Upon expiration of this Certificate of Networkiness, this application must be reassessed to ensure it is still compliant with the GNEC architecture and is still networky. Should this software version be upgraded prior to this expiration, the new version must be evaluated for networkiness.

Approver: Daniel Q. Bradford

Senior Executive Service (SES)/ Army Enterprise Designated Approving Authority (DAA)/ 9th Signal Command (Army)

**Digitally Signed by BRADFORD.DANIEL.QUENTIN.1124817257**

11/2/2011

**X** Daniel Q. Bradford

**Signed by BRADFORD.DANIEL.QUENTIN.1124817257** View details  
on Wednesday, November 02, 2011 11:12 PM (US Mountain Standard Time)