

FOR OFFICIAL USE ONLY
Certificate of Networkiness (CoN)

Product: Hydrologic Engineering Center Geospatial Hydrologic Modeling System (HEC-GeoHMS) 10.x

Cert#	Request Type	CoN Type	Approval	Expiration
201519487	Upgrade	Enterprise	8/27/2015	8/27/2018
Mission Area	Domain	Functional Area	Category	
Enterprise Infrastructure Environment	IA	Specialized	Application	

Description:

HEC-GeoHMS 10.x is a set of procedures, tools, and utilities for processing geospatial data in ArcGIS (ESRI software) using a Graphical User Interface (GUI). This extension allows users with limited Geographic Information System (GIS) experience to create Hydrologic Engineering Center Hydrologic Modeling System (HEC-HMS) import files. HEC-GeoHMS translates GIS spatial information into a HEC-HMS model file and or data formatting, processing, and coordinate transformation. The result is a spatial hydrology database that consists of the Digital Elevation Model (DEM), soil type, land use information, rainfall, and other spatial information. HEC-GeoHMS operates on the DEM to derive sub-basin delineations and creates a number of hydrologic inputs that are accepted by HEC-HMS as a starting point for hydrologic modeling.

HEC-GeoHMS 10.x is installed on a Windows 7 workstation. The user downloads a setup package for HEC-GeoHMS from the Hydrologic Engineering Center's website. The data is entered into HEC-GeoHMS through the Graphical User Interface (GUI) that is part of the HEC-GeoHMS software. Data is saved to the workstation's hard drive, and all data stays internal to the local enclave.

Facts:

- This is an upgrade to Certification 201006497.

CoN Link: https://portal.netcom.army.mil/apps/networkiness/_layouts/NetcomCON/rqstcon2.aspx?requestId=22159

Restrictions:

1. All Map data must be received from a .mil or .gov agency.
2. HEC-GeoHMS 10.x is restricted for use within certified and accredited networks and/or data centers having a current ATO.

POC: netcom.hq.networkiness@mail.mil /(520)538-1199

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 This Certificate of Networkiness is no longer valid should the assessed configuration be significantly altered.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.

Additional Comments:

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 Signed on 2015-08-27T04:00:00Z

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