

FOR OFFICIAL USE ONLY
Certificate of Networthiness (CoN)

Product: Hydrologic Engineering Center Hydrologic Modeling System (HEC-HMS) 4.x

Cert#	Request Type	CoN Type	Approval	Expiration
201519490	Upgrade	Enterprise	8/27/2015	8/27/2018
Mission Area	Domain	Functional Area	Category	
Business	Installations & Environ	Specialized	Application	

Description:

HEC-HMS 4.x is designed to simulate the complete hydrologic processes of dendritic watershed systems. HEC-HMS includes many traditional hydrologic analysis procedures such as event infiltration, unit hydrographs, and hydrologic routing. HEC-HMS also includes procedures necessary for continuous simulation including evaporation-transpiration, snowmelt, and soil moisture accounting. Advanced capabilities provides for gridded runoff simulation using the linear quasi-distributed runoff transform (ModClark). Supplemental analysis tools provides for parameter estimation, depth-area analysis, flow forecasting, erosion and sediment transport, and nutrient water quality.

HEC-HMS 4.x is installed on a Windows 7 workstation. The user accesses the program from the Windows Start menu. The user enters data manually or may optionally load data from HEC Data Storage System (HEC-DSS) formatted database files. This software does not originate or accept network traffic of any type. The program data is saved to any connected hard disk where the user has been granted read-write permission by the system administrator. The program data stays on the hard disk where the user stored it.

Facts:

- This is an upgrade to Certifications 200801594 and 201109882.

CoN Link: https://portal.netcom.army.mil/apps/networthiness/_layouts/NetcomCON/rqstcon2.aspx?requestId=21530

Restrictions:

1. All Map data must be received from a .mil or .gov agency.
2. HEC-HMS 4.x is restricted for use within certified and accredited networks and/or data centers having a current ATO.

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

This Certificate of Networthiness 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 This Certificate of Networthiness is no longer valid should the assessed configuration be significantly altered.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 Networthiness, this application must be reassessed to ensure it is still compliant with the GNEC architecture and is still networkworthy. Should this software version be upgraded prior to this expiration, the new version must be evaluated for networkworthiness.

Additional Comments:

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

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