

# NWCG IT Capability Requirements

## November 2018

NWCG Committee / Group	IT Capability Requirement	<a href="#">WFIT Application Lifecycle Stage</a>
NCSC	<p>Fair Share Cost Analysis capability. A standard process to assess workload and budget for dispatch / coordination centers.</p> <p>Identified as high priority by the NCSC and the IDIP study. Work of a task team supported by NWCG (March 2018) and FMB (April 2018). See <a href="#">project initiation request</a> and <a href="#">draft tasking</a> for more information</p>	Idea
IBC	<p>Incident business management capabilities. Efficient sharing and training of incident business standards. Need to define requirements.</p> <p>Content currently located in <a href="#">NWCG Standards for Interagency Incident Business Management</a> and the supporting <a href="#">S-260</a> course.</p>	Idea
RMC	<p>Risk management capabilities, related to safety reporting. Resolve overlaps, gaps, and inconsistencies. Need to define requirements.</p> <p>Current capabilities provided by Safenet, Safecom, and Safety Gram.</p>	Idea
NIMSIC	<p>Capability to track use, management, and alteration of National Incident Management System (NIMS), and related systems/components in order to troubleshoot and manage growth</p> <p>See <a href="#">supplemental</a> information, October 2017</p>	Idea
IFPC	<p>Fire planning capabilities.</p> <p>See <a href="#">4 gaps</a> defined, October 2017.</p>	Idea
ETC	Radio use and management capabilities	Idea
FENC	<p>National preparedness capabilities</p> <p>Integrate NFDRS2016 with other fire management decision support tools into a single national wildland fire preparedness and response decision support capability</p>	Idea
FENC / NCSC	<p>Predictive services capabilities.</p> <p>See <a href="#">Phase One report</a>, June 2017. FMB Tasking Phase Two is in progress.</p>	Idea
FENC	<p>Fire weather information management capabilities.</p> <p>See <a href="#">18 gaps</a> defined, May 2017.</p>	(1) Idea
		<p>(1) BigFire in Idea phase, pursuing NASA grant</p> <p>(2) WIMS and WFMI collaboration.</p> <p>(3) WindNinja - Microscale wind modeling addressing 7 of the 18 gaps. Currently embedded in WFDSS, IFTDSS, and FlamMap. See <a href="#">support letter</a> and <a href="#">project initiation request</a> for more information.</p>
ETC	<p>Supply chain and asset management capabilities</p> <p>Requirements analysis for ICBS in progress</p>	
OTC	<p>Incident Records Disposition Authority revision and update, to include electronic records.</p> <p>OTC tasking to IPSC for requirements.</p>	Concept

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OTC / TDP	Position management and training development and delivery capabilities to manage NWCG position standards, training curriculum, and associated position performance support products. Identified by the NWCG System Improvement Project and NWCG Wildland Fire Learning Management System (LMS) Project.	Concept (LMS)
IBC	Acquisition capabilities. Capability requirements identified in 2016 Departments of Agriculture and Interior legislative mandates known as Transforming Incident Procurement Project (TIPP)	Concept
DMC	Data integration services, with focus on a "data cache." See <a href="#">NWCG Data Management Strategy</a> , <a href="#">WFIT Data Cache Requirements Document</a> , <a href="#">IFDC Alternatives Analysis</a> , and DMC Recommendations for Data Cache	Concept
DMC: FRSC	Fire reporting capability requirements to support FMB's vision of one event/one report.  See <a href="#">19 gaps</a> defined, May 2017.	(INFORM) Development
NCSC	Resource mobilization capabilities.  See <a href="#">IROC Talking Points</a>	(IROC) Development
FMC	Fuels management capabilities.  See <a href="#">6 gaps</a> defined, October 2017. See <a href="#">38 applications</a> evaluated, October 2017.	(IFT-DSS) Development
CEPC	Fire prevention planning capabilities  Currently provided by RAMS, which can no longer be supported.	Development
NCSC	"Single sign-on" functionality.  Identified by the Interagency Dispatch Improvement Project.	Operations & Maintenance: Login.gov
All	Intergovernmental collaborative workspace to message, schedule, share, review, develop, store among federal, tribal, state, local, and territorial stakeholders in support of all areas of national wildland fire management.  Firenet.gov is the current planned solution.	Operations & Maintenance: Firenet
CEPC	Public incident information management  Includes capabilities currently provided by Inciweb.	Operations & Maintenance: A new Inciweb