



Installations of the Future (IoTF)



"We've been treating our military installations as if they were sanctuaries, immune from the effects of the adversary. This is no longer appropriate. We need to think of our installations as part of the battlespace and performing defined roles in the strategic support area."

*– HON Alex A. Beehler, Assistant Secretary of the Army
Installations, Energy and Environment*

TOP LINE MESSAGES

MODERNIZATION | READINESS

DATE: 1 APRIL 2020

- **Installations are the initial power projection platforms for the Army**, which our adversaries will target and attack to disrupt or delay the Army's ability to generate readiness, mobilize and deploy forces.
- **Modern installations enhance readiness and meet warfighting requirements**, and the Army must evolve to support new technologies and materiel that enable multi-domain operations.
- **Future "smart" installations are connected**. They integrate and analyze information to defeat new threats while retaining overmatch.
- **Installations of the Future will increase retention and recruiting appeal** by providing soldiers with the connectivity and convenience they are accustomed to in "smart cities."

SUMMARY

Installations of the Future are integrated, resilient, data driven environments delivered as maneuver platforms. They are designed to facilitate interaction and connect, people, places, units and things to support the force in a contested, multi-domain environment. Installations of the Future leverage modern technology and agile business processes to support personnel and communities and enable faster, real-time decision making across domains.

TALKING POINTS

Installations of the Future Align to Mission

- In 2017, the Army began a multi-year Installations of the Future (IoTF) effort to examine installation performance, shape the strategic direction of the installation management enterprise and to create environments capable of functioning as initial maneuver platforms within the multi-domain framework.
- These installations are equipped with cognitive gyms, synthetic training environments, and professional athletics facilities to enhance warfighter readiness.
- They employ sustainability, microgrids and redundant energy practices to increase resiliency and prolong runtime during outages.
- They connect to the environment and community around them to leverage capabilities of partners outside the fence line.
- We place special focus on identifying, analyzing and mitigating cyber security risk.

IoTF Support Personnel and Community

- They incorporate elements commonly expected such as connectivity and integrated services.
- They provide leaders the ability to develop and analyze multiple scenarios in complex environments enabling faster, real-time decision making.



IoTF Provide Modernized Infrastructure

- Modern installations support new technologies and materiel that enable Multi Domain Operations, and develop efficient, effective and resilient systems to support how we mobilize, protect, project and sustain expeditionary forces from home station.

Enable Information Sharing

- New technology in areas such as cyber, data analytics, big data, Internet of Things (IoT), Machine Learning (ML) and Artificial Intelligence (AI) create opportunities to develop efficient ways to assess and analyze investment and risk.

DIGITAL & SOCIAL MEDIA RESOURCES:

Threat to posts: Army must rethink base security:

<https://www.ausa.org/articles/threats-posts-army-must-rethink-base-security>

Smart Cities and Installations of the Future: Challenges and Opportunities:

<https://madsclub.tradoc.army.mil/21-smart-cities-and-installations-of-the-future-challenges-and-opportunities/>

Day in the Life of a Future Garrison Commander:

<https://www.dvidshub.net/video/615040/day-life-future-garrison-commander>

A modern Army needs modern installations

https://www.army.mil/article/211231/a_modern_army_needs_modern_installations

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