



Office of the Assistant Chief of Staff for Installation Management

The Army's Technology Demonstration Program

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Purpose

- To provide information regarding the Technology Standards Group (TSG) activities



Technology Standards Group Organizational Members

- Office of the Assistant Chief of Staff for Installation Management (OACSIM) Lead
- Installation Management Command (IMCOM)
- HQ US Army Corps of Engineers (HQUSACE)
- US Army Engineer Research and Development Center (ERDC) – USACE Research Component
- DASA IE&E – Energy Representative



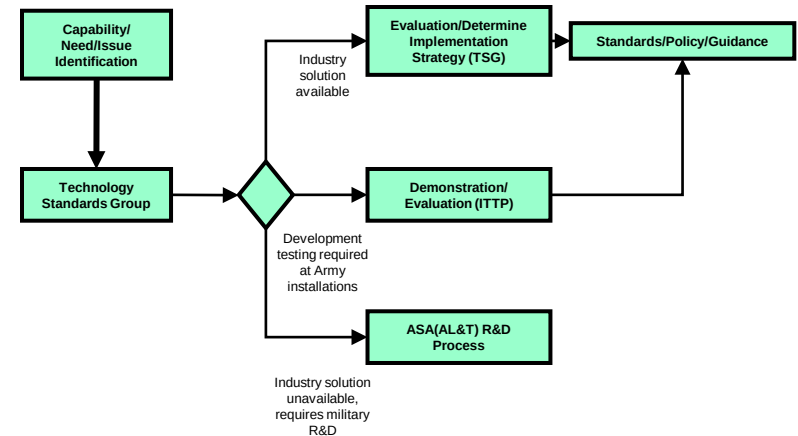
Technology Standards Group

- Is Responsible For:
 - “Quick hit” technology evaluations
 - Permafrost HVAC additive
 - Cool roof technical
 - Fibrebond construction method
 - Fitch boiler fuel additive
 - Synthetic turf
 - Roundabouts for traffic control
 - Background information for leadership
 - Lean Six Sigma evaluations
 - (PEX) Cross-Linked Polyethylene - 40% less expensive than copper
 - Low temperature concrete – Admixture 1/3 the cost of conventional
 - Mold abatement – 57% additional net present value savings
 - Thermoplastic bridge – diverts 85,000 lbs from landfill, 10-15 yrs maintenance free
 - DREPS – payback of 3.7 years, sustainable, lower carbon footprint
 - Management of the Installation Technology Transition Program



TSG Operations

The Army Technology Standards Program provides a systematic process for the evaluation and implementation of technological innovation in support of the Army's installation management mission. The overall objective of this program is to achieve efficient facility management through the planning, programming, design, construction, operation and maintenance of Army facilities.



- Define Army Standards applicable to construction, renovation, and maintenance of facilities.
- Minimize overall time and cost for the planning, design, construction, operations and maintenance.
- Address changing functional, regulatory and policy requirements, as well as lessons learned and technological advances in materials, equipment, systems, and methods.
- Assist the Installation Management Command (IMCOM) and landholding Commands in provision of consistent standards and quality.
- Provide mechanisms for the receipt, evaluation, and implementation of new and proven technologies and proposals to improve the facility management of Army installations.



Installation Technology Transition Program (ITTP)

- Program of the Technology Standards Group
- Focus on demonstration/validation of technological solutions to identified installation requirements
- Requires execution of projects for data collection and validation of concepts



What the ITTP Does

- The Installation Technology Transition Program was directed by the then DASA (I&H) in 2006. Its goal is to demonstrate and validate new technologies.
- The ITTP is the link between RDTE work funded by ASA(ALT) and the installations.
- Supports EO 13423, E.O. 13514; MILCON Transformation, Sustainable Design & Development, and the BOS & SRM programs.
- The ITTP also serves as the system whereby the ACSIM's input to and participation in the TRADOC Force Operations Capabilities process is transitioned to the warfighter.





How You Can Get Involved

- Request Access to the Army Technology Standards Group site on AKO
- Submit Technical Evaluation Suggestions
- Participate in Yearly ITTP Project Call
- Email philip.r.columbus@us.army.mil or kelly.m.dilks@conus.army.mil



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The Army Technology Standards Group

The Purpose of the Army Technology Standards Group (TSG) is to identify necessary capabilities, test, demonstrate and implement technologies in support of the Army installation community. This is done through the Installation Technology Transition Program (ITTP) and evaluating emerging technologies.

Army Technology Standards Group AnnouncementsOptions

No messages found.

Current < Previous | Next > Archived

Installation Technology Transition Program (ITTP)Options

The Installation Technology Transition Program (ITTP) allows the Army community to incorporate innovative cost-effective technology onto installations to test the validity of emerging technologies in support of Army directives to improve installation infrastructure design, and life cycle operation, maintenance and sustainability. To find out more information about ITTP projects click on the fiscal year below. To find out how to get involved in submitting a proposal [click here](#).

- [ITTP FY 2012](#) (TSG group only)
- [ITTP FY 2011](#)
- [ITTP FY 2010](#)
- [ITTP FY 2009](#)
- [ITTP FY 2008](#)

TSG CalendarOptions

Upcoming Events

[Full Month View](#) [Add Event](#)

No Events Found

Emerging TechnologiesOptions

The Army Technology Standards Group (TSG) is dedicated and determined to learn more about new technologies. The TSG has examined multiple technologies and are continually searching for more. This includes what interests the DOD and the Army installation community. Below are internal hyperlink to a variety of opportunities for the Army community to learn what the TSG has examined, where to search for new technologies, and how to get involved.

[TSG Technology page](#) includes:

- Site links to new technologies across the web
- Discussion forum about specific technologies
- Request form for the TSG to review a new technology

Emerging Technologies that the TSG has evaluated:

- [Daylighting](#)
- [Photoluminescent exit Sign](#)
- [LED Traffic Light](#)
- [Waterless Urinals](#)
- [Cool Roofs](#)
- [Synthetic Turf](#)



Technology Evaluation Request

**Technology Standards Group**

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TSG Technology Page (Related Content >)

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New Technology Evaluation RequestOptions

New Technology Evaluation Request Form

Please fill out the required information if you have a new technology that you would like the Technology Standards Group (TSG) to review. Based on the information a TSG member could contact you for more information. Thank you for your participation.

[Start Survey](#)

This survey may be taken more than once.

[Show Results](#)

Files: Files ViewerOptions

Technology Standards [Army Technology Standards Group Community Documents](#)

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Files View

☐	Name	Type	Creator	Size	Date/Time GMT	Version
☐	Keyless Entry Standard Modification	pdf	patrick.edwards9	155.59 KB	Feb 4, 2009 4:06 PM	1
☐	LED Traffic Signals Standard	pdf	patrick.edwards9	43.35 KB	Feb 4, 2009 4:06 PM	1
☐	LED_ACSIM	pdf	patrick.edwards9	34.09 KB	Feb 4, 2009 4:06 PM	1
☐	Non-water urinals standard	pdf	patrick.edwards9	38.87 KB	Feb 4, 2009 4:06 PM	1
☐	Urinals_ACSIM	pdf	patrick.edwards9	30.58 KB	Feb 4, 2009 4:06 PM	1

Discussion TopicsOptions

New Technology Help Area (Group: Army Technology Standards Group)

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Topic	Last Message
Help on New Technology	13 Sep 2010 15:15 GMT By: patrick.edwards9

PortalsOptions

Purdue University CEM

National Technology Transfer Center

NDCEE National Defense Center for Energy and Environment

ESTCP Environmental Security Technology Certification Program

EKO Engineering Knowledge Online (Sustainable Design and Development)

USACE COS
USACE Centers of Standardization (COS) stores information on the Military construction Transformation (MT) process and standard design development.

U.S. Department of Energy

IMCOM Public Works Digest



Questions?