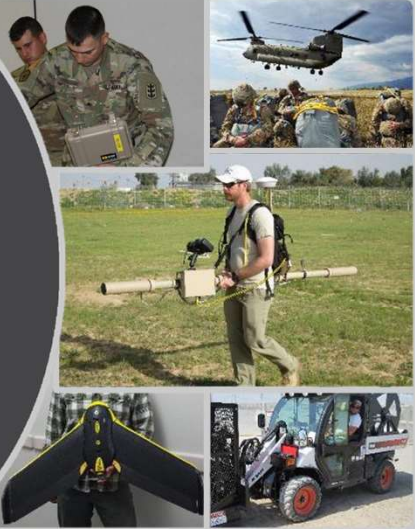




## CERL UPDATE – BUILDER SUMMIT FEB 2020

SMS Team Updates, ESMS Update, & the Next Summit

02/13/2020  
Presented by: Matt Walters

US Army Corps of Engineers



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## *SMS Program Updates*

- 2020 Hiring Plan
  - Computer Scientists
  - Software Testers
  - Reports/Visuals Specialist
  - Research Engineers
- Logo/Branding update in progress for consistent and unified branding identity across SMS, ESMS, and each of the domains. – stay tuned!
- New website ([www.sms.erdcdren.mil](http://www.sms.erdcdren.mil)) under development with updated content and better routing to support materials (support site, training content, etc.)
- Emphasis on SMS Technical Center of Expertise by new CERL Director

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## *SMS Program Updates*

- Early discussions with SMS Configuration Support Panel (CSP) underway to incorporate a Shorefront domain within ESMS architecture
- On-going discussions with SMS CSP to utilize BUILDER Functionality for capturing facility environment/safety issues
- Various Federal (non-DoD) Agencies demonstrating interest in BUILDER and SMS
- BUILDER Cost Data – Update to be provided to CSP at the next meeting

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## *ESMS Update – Retrospective*

- Recently Completed Contracted Development Work
  - BUILDER Import (API-based import procedure for migrating BUILDER data to ESMS)
  - ArcGIS Import to ESMS
- Recently Fed Development Efforts
  - User Preferences View – one stop shop for all your information as a user (preferences, roles, permissions, authentication settings, etc.)
  - Universalize ESMS Desktop for compatibility with all SMS domains
  - Updated web application with latest design of internal APIs for consistency and improved performance
  - Established access to ERDC RDE Azure Subscription – more control of dev/test environment for faster iterations (on-going) etc.), leverage benefits of cloud environment (dynamic resource allocation/scaling)
  - Starting the migration to PaaS – tighter integration with Azure environment (PowerBI, User Permissions API Expansions (ongoing))

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## *ESMS Update – Looking Ahead*

### **Federal Dev Team**

- Risk Management Framework Assessment
- User Permissions (expansion) Implementation
- Cross-Domain database reconciliation – incorporating the Water Control Structures inventory schema
- Bug Fixes for Fuels Site Assessments and Workflow capabilities
- PowerBI Premium embedded – direct database querying with app permissions honored
- Feature buildout from BUILDER to ESMS (Reference libraries, Work Analysis refinements, Forecasting/Metrics/Rollups, etc.)

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## *ESMS Update – Looking Ahead*

### **Contracted Dev Teams**

- Distress Survey Capabilities – BUILDER Assessments as baseline for Distress Survey capability
- Online Help and Tooltips

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## *ESMS Update – Engineering IDIQ*

- Utilities Engineering Criteria (attributes, lifecycles, failure modes, etc.)
  - Water and Electrical task orders awarded late in FY19
  - Remaining Utilities sub domains identified for potential FY20 work

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## *ESMS Demo*

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## *The Next Summit – SMS Summit*

- **SMS Summit** (all domains)
- 11-12 AUG 2020
- National Academy of Sciences Auditorium (2101 Constitution Ave NW, Washington, DC)
- Thank you for your continued participation (and patience)!
  - ~30 people in 2017 → 200+ registrations today
  - 1 day event → 2 day event with breakout sessions
  - 12 Features and 92 Bug Fixes within the last calendar year



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