

**U.S.ARMY**

# Who's got the hook up? Partnering outside the box for utilities services

A discussion on alternate ways to provide for utilities infrastructure- featuring utilities partnerships with Redstone Arsenal/Rock Island/Fort Carson

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# Be The Turtle!

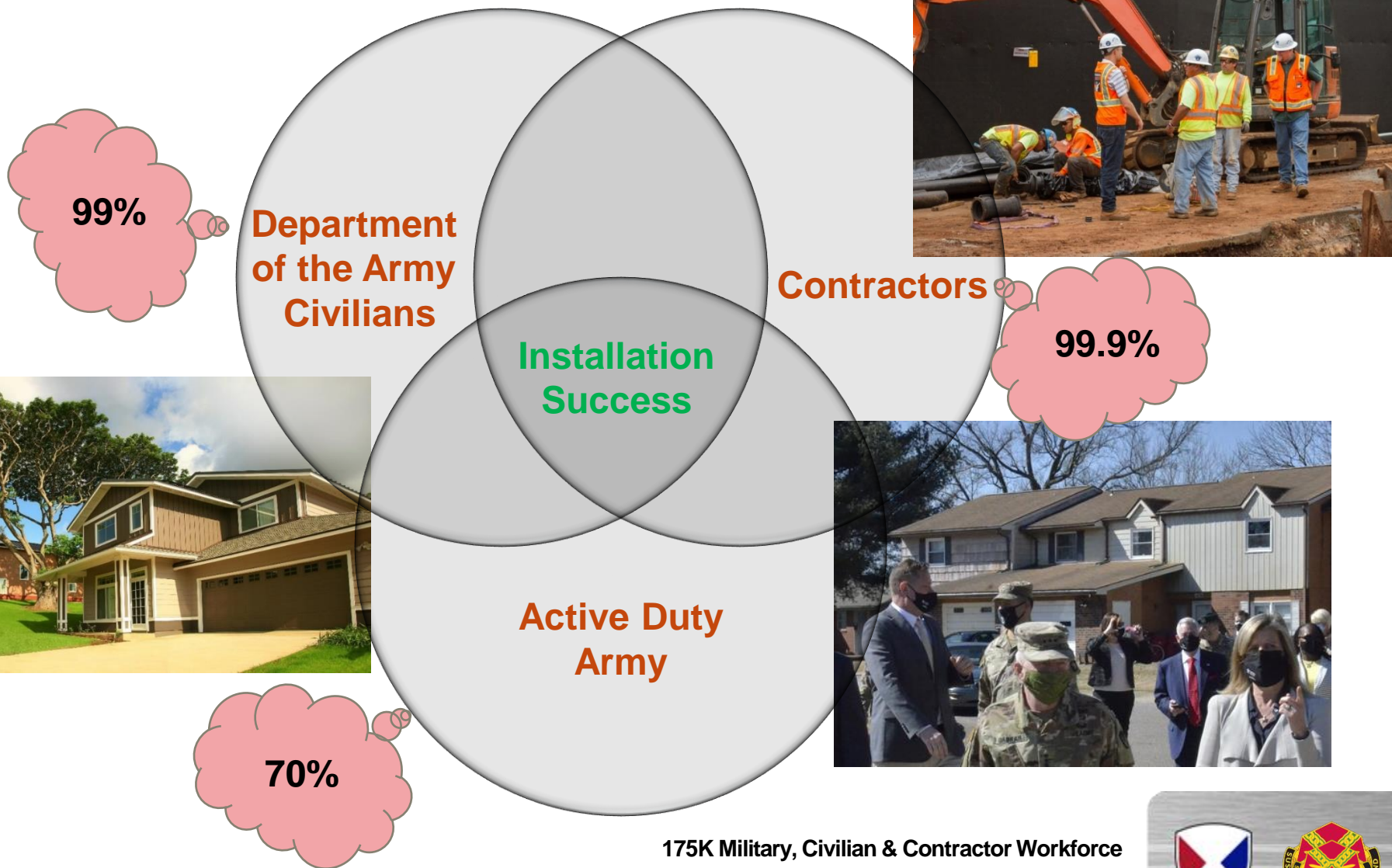
*Army Installations Have Been Turtles for 200 Years*





# Change the Paradigm

*Where does the Army fence line end?*

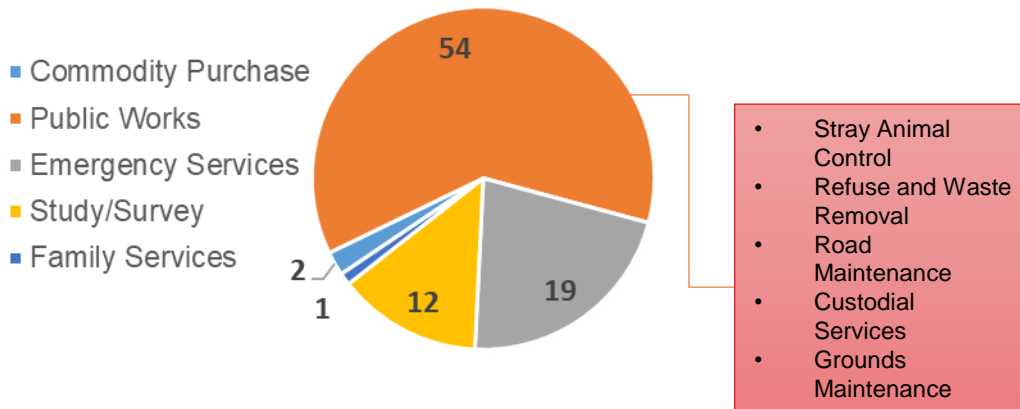




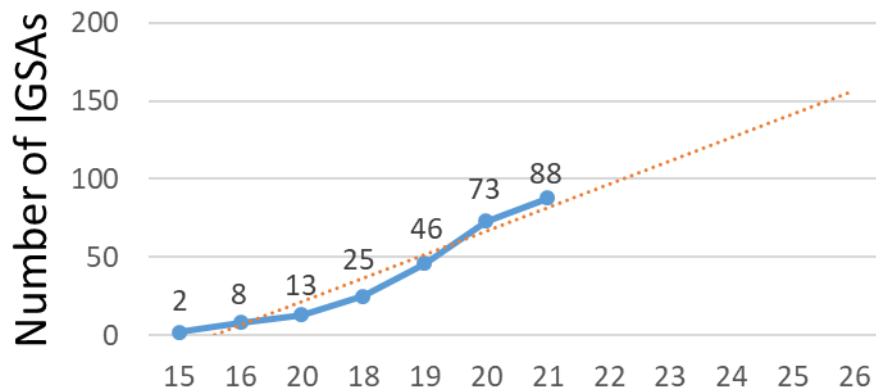
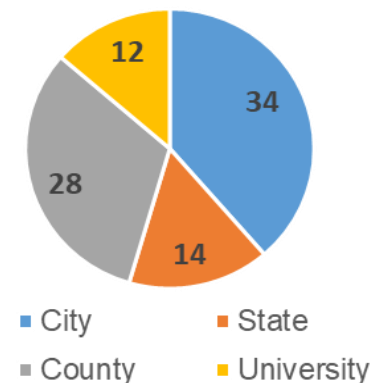
# Partnerships GOOD!

## *Combined Efforts for Mutual Support and Success*

### Service Areas



### Stakeholders





# Redstone Arsenal

## *Partners with Huntsville Utilities*

U.S. Army Garrison Redstone Arsenal will partner with Huntsville Utilities to provide operations of the ***electrical and water distribution systems*** and ***maintenance of the electrical, water and gas distribution systems***



#1: **Substantial savings on material and equipment costs** with Huntsville Utilities' buying power

#2: Employee reach back and augmentation in ***emergency or catastrophic situations***





# Rock Island

## *Partners with City of Rock Island*

U.S. Army Garrison Rock Island will partner with City of Rock Island to provide ***Water Treatment and Distribution System Operations and Maintenance, Waste Water Collection Operations, and Waste Water Treatment, and Exterior Lighting Electrical Maintenance***



#1: **Manpower, Time, and Cost** will be greatly reduced

#2: Existing relationship between the City of Rock Island and Rock Island Arsenal **will be strengthened**





# Fort Carson

## *Partners with Colorado Springs Utilities*

U.S. Army Garrison Fort Carson will partner with CSU to ***operate, maintain, and repair*** the ***all gas and electrical systems***



#1: CSU provides **safe and reliable** utilities at a significantly **reduced cost**

#2: Phase II, expand the IGSA to include all water distribution and waste water collection/treatment systems





# Fort Carson and Colorado Springs Utilities IGSA

"I am proud of Fort Carson's track record of partnership with the City of Colorado Springs and Colorado Springs Utilities (CSU) in our efforts to pursue an Intergovernmental Support Agreement for our Utilities Services as well as pursuing sustainable, more resilient, sources of energy. We are well-known within the DOD, and in our local community, as a leader in pursuing initiatives ranging from solar energy, hydro-powered electricity purchases and the battery storage system and in all these cases we could not do them without the outstanding partner we have in the CSU Team. We look forward to continuing this partnership in the future".

COL Nate Springer  
Fort Carson Garrison Commander



September 2019 IGSA Approved



Peak Shaving Battery



Fort Carson Natural Gas  
Regulator Station



Wastewater Treatment Plant



LED Retrofits and Low Flow Toilets  
(Springs Utilities Rebates Secured)



1 of 3 Fort Carson Substations





# Other Utility Partnership Initiatives

*Partnerships with Howard County MD, El Paso TX, and Gatesville TX*

U.S. Army Garrison Fort Meade will partner with Howard County for **storm water design and engineering** (A/E) and **construction services** and will provide **project management** support for storm water projects



U.S. Army Garrison Fort Hood will partner with City of Gatesville to provide **water delivery** and **management and operation** of **wastewater treatment systems**



U.S. Army Garrison Fort Bliss has partnered with City of El Paso to provide **engineering, technical, project design, minor construction, repair and maintenance** incidental to storm water management, water quality, and water conservation.





# Question Time

**This is Your Time  
What are Your Questions?**

