

Transition To Practice

# NSF Cybersecurity Research TTP Ecosystem

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# Goals of This Presentation

1. **Attract submissions to this years NSF SATC Solicitation under the TTP Perspective**
2. Familiarize PIs with TTP basics
3. Introduce TTP Ecosystem services
4. Solicit PI contact information and feedback
5. Solicit potential mentor contact information
6. Solicit potential industry partner contact info



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# NSF-SATC

## TTP Perspective

- **Transition existing research results to practice**
- **Small**
  - \$500k/3 yrs
- **Medium**
  - \$1.2m/3yrs



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# NSF-SATC

## Submission Deadlines

- MEDIUM Projects
  - November 02, 2016 -  
**November 16, 2016**
- SMALL Projects
  - December 01, 2016 -  
**December 15, 2016**



# Why TTP?

- Expand the impact of your research into real world
- Codify the value of your research
- Expand NSF funding
- Low risk step towards commercialization
- Form long-term industry and/or government connections



- Opportunities for students

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# Which form of TTP?

- Start up/Spin off – step toward iCorps or SBIR
- Licensure
- Academic transfer
- Operational Prototype



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# Key TTP Impediments

- Understanding the process
- Finding a client/early adopter
- Team building
- The “business” stuff
- Building production code



# Providing Centralized TTP Resources\*

1. “Mentoring” services
2. Best Practice repository
3. Software maintenance center
4. Matchmaking assistance
5. Contracting advice



\* In Preparation





# TTP Ecosystem Services

- TTP Familiarization for Investigators
- Match-making
- Activities to identify prospective TTP-interested investigators;
- TTP training services for NSF PIs;
- Establishment of a TTP mentoring service for NSF/SATC PIs and prospective PIs;
- Development and implementation of a “Best TTP Practices” repository;



# Questions?

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