Final Presentation

Technical Intelligence Solutions (TIS)





Meet the Team





Agenda

Speaker: John

Business & Competition

Processes Described & Quantified

What can Be Improved

Proposed Solutions

IT493 Planning

IT493 Planning



Speaker: Erica

Business & Competition



Business Overview

Technical Intelligence Solutions (TIS)

Small, disadvantaged, LLC business (18-20 full and part-time employees) located in Herndon, VA providing cybersecurity consulting services for the Federal Government.

Mission

Site Reliability

Speaker: Erica

- Information Assurance
- System Integration
- Configuration Management
- Big Data Integration
- Cloud Orchestration





Processes & Quantification

What can be improved Proposed Solutions

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Business Overview (cont.)

State Corporation Commission Clerk's Information System

Entity Information

Entity Information

Entity Name: Technical Intelligence

Speaker: Erica

Solutions, LLC

Entity Type: Limited Liability Company

Series LLC: No

Formation Date: 02/16/2013

VA Qualification Date: 02/16/2013

Industry Code: 0 - General

Jurisdiction: VA

Registration Fee Due Date: Not Required

Entity ID: 54418226

Entity Status: Active

Reason for Status: Active

Status Date: 03/24/2016

Period of Duration: Perpetual

Annual Report Due Date: N/A

Charter Fee: N/A

History

Pyi and Than started the business in 2013 and kicked off in 2016

Story

Raymond Page has been with TIS since nearly the beginning. He discussed with us how all the employees are close and familiar with each other and their work

Financials

Around 5 contracts -> ~\$750k per contract

<u>Strategy</u>

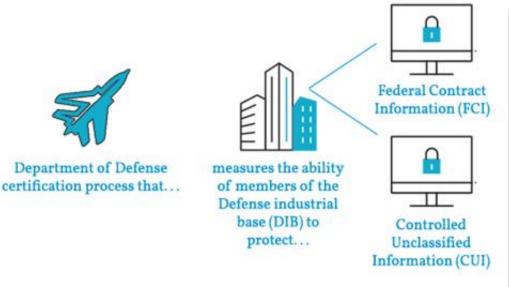
CMMC compliance, apply for 8(a), & grow to 50 employees

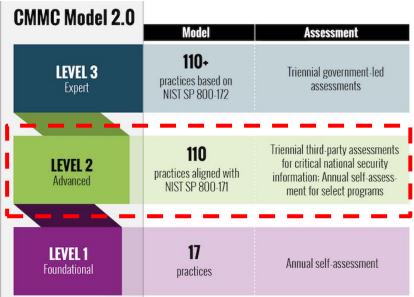
*CMMC = Cybersecurity Maturity Model Certification



What is CMMC?

Speaker: Erica







Competition

Speaker: Erica







- □ ~200-500 Employees
- SoftwareDev/Healthcare

- ☐ ~100 Employees
 - IT Services/Consulting

- ~11-50 Employees
 - IT Services/Consulting



CMMC compliance is required to be competitive in the defense contracting industry

Areas of Competition

☐ Sub-contracts

- □ Talent retention
- Partnerships with primes
- ☐ Recruiting firms

Speaker: Anam

Business & Competition

Processes & Quantification

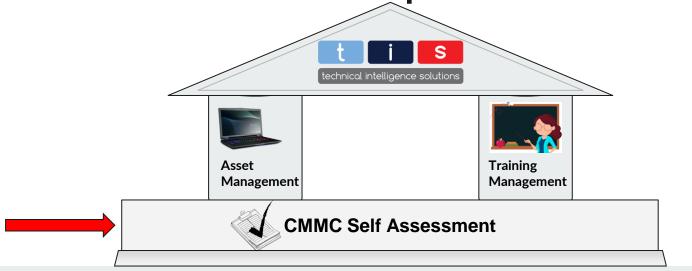
What can be improved

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Processes Described & Quantified

Business Processes & Impact of Processes



Overall Impact

- Not CMMC Compliant
- Manual Processes are not scalable
- Inefficient use of time

- Lack of automation
- Ineffective use of funds
- Lost business opportunities

Processes & Quantification

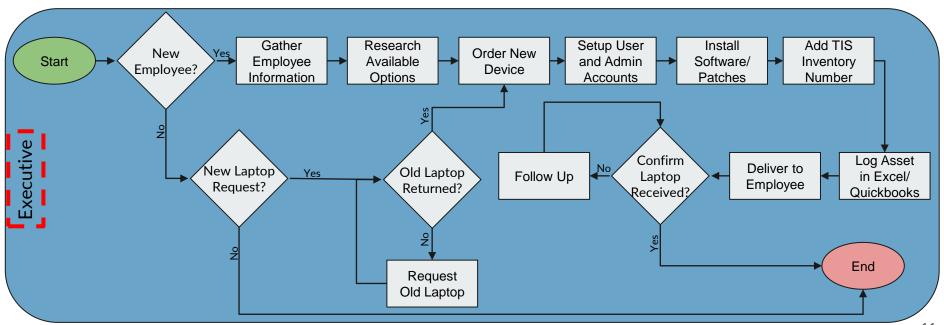
What can be improved

Proposed Solutions IT493 Planning

areas of planned improvement



Asset Management



Processes & Quantification

What can be improved Proposed Solutions IT493 Planning



Asset Management

Context

5-10 Laptops per year\$100 for executive pay\$100 Quickbooks per year



Processes & Quantification

What can be improved

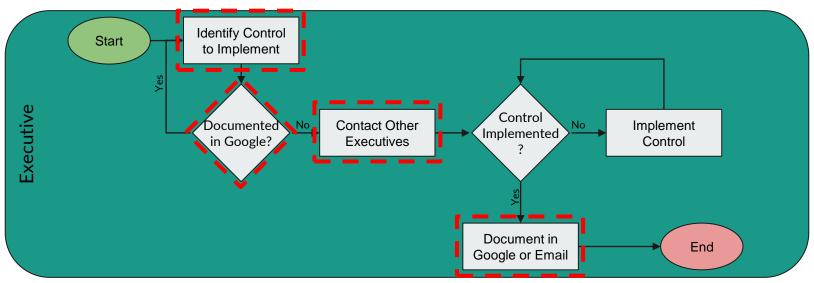
Proposed Solutions

IT493 Planning

areas of planned improvement



CMMC Self Assessment



Processes & Quantification

What can be improved

Proposed Solutions IT493 Planning

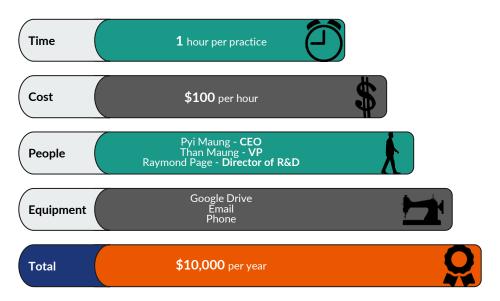




CMMC Self Assessment

Context

CMMC Level 2 has **100**practices
Jira Cloud for **10** users **\$100** for executive pay **\$80** for contributor pay



What can be improved

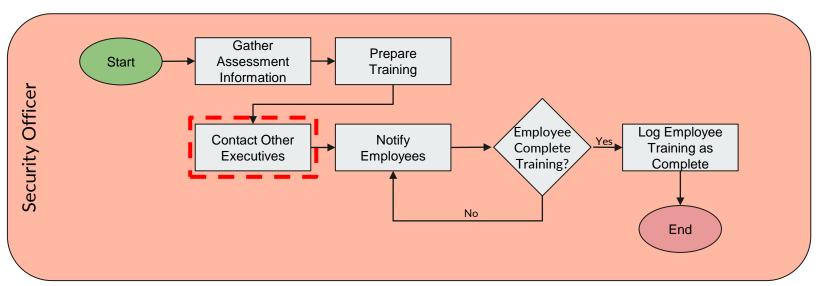
Proposed Solutions

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Training Management



Processes & Quantification

What can be improved

Proposed Solutions

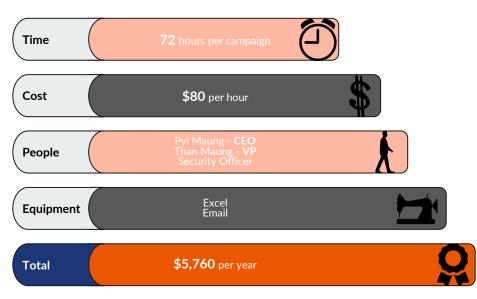
IT493 Planning



Training Management

Context

1 training campaign per year Jira Cloud for 10 users **\$80** for contributor pay





Business & Competition

Processes & Quantification What can be improved

Proposed Solutions

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What can be Improved?

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Processes & Quantification What can be improved

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Asset Management

Client Criteria

Utilizing a manageable tracking process with tickets. Favor cloudbased SaaS solutions.

Solution

Use a management tool to organize and track work, manage projects, and processes

Improvements

- Visibility
- Documentation
- Metrics
- Organization



Business & Competition

Processes & Quantification

What can be improved

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Context

5-10 Laptops per year **\$80** per hour for contributor pay **\$100** Quickbooks per year

Time and Tools

5-7 weeks to implement and ensure operational success.

SaaS offering

Roles and Tasks

Jas (Outreach)
Anam (Quality Assurance)

Ensure everything is running smoothly and keeping the client in the loop. Build and configure Jira workflows so it makes communication smooth





Business & Competition

Processes & Quantification What can be improved

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CMMC Self Assessment

Client Criteria

An overall tracking management system to monitor the tasks, audits, internal controls; Needs visibility into the compliance progress. Solution that is financially feasible and practical

Solution

Using a software tracking tool to manage multiple projects. Access all the processes at once and simplify their management system. In addition to following the CMMC 2.0 guidelines.

Improvements

- Easily export data to an excel SSP document for auditing
- Minimize miscommunications
- Improve role-based access controls



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CMMC Self Assessment

Implementation Requirements

Context

CMMC Level 2 has **100+** practices
Jira Cloud for **10** users **\$80** for contributor pay

Time and Tools

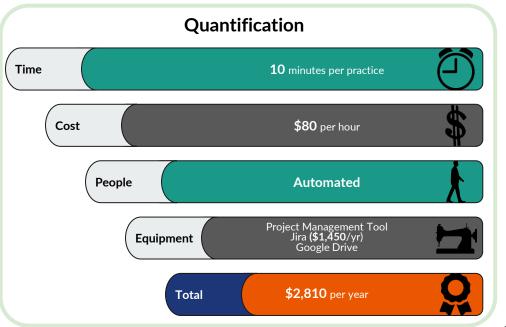
12 weeks research, training, development and implementation

Access to SaaS service and CMMC policies

Roles and Tasks

John (Lead)
Jas (Outreach)
Anam (Quality assurance)
Daniel (Solutions Engineer)
Erica (Project
Management)
Melat (Business Analyst)

Team to understand CMMC policies and familiarize themselves with SaaS tool.



Business & Competition

Processes & Quantification What can be improved

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Training Management

Client Criteria

Tracking system implemented for improvement of the process. Easy to integrate with current systems in use

Solution

Using a tool tracking system that would be manageable for training progress and document all processes in a centralized system.

Improvements

- Saves time
- Training accessibility
- **Documentation**
- Improve efficiency
- **Organization**
- Easier to keep track



Business & Competition

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Training Management

Implementation Requirements

Context

1 training campaign per year Jira Cloud for 10 users \$80 for contributor pay

Time and Tools

6 weeks to implement and transition. **Access** to SaaS service and employee lists with training needs

Roles and Tasks

Daniel (Solutions Engineer) Melat (Business Analyst)

Team to understand current training policies and develop integration with current employee database.





Processes & Quantification

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Proposed Solution



Client's Solution Criteria and Requirements

- Easy to integrate with current systems used within TIS, not looking for a standalone solution
- Solutions that are both financially feasible and practical for their company's scale
- Favor cloud-based, Software as a Service (SaaS-based), or containerized apps, not interested in purchasing or managing any bare metal infrastructure.
- Put TIS on the right path of becoming CMMC compliant





CMMC Self Assessment



hyperproof



Asset

Management

spiceworks



StandardFusion

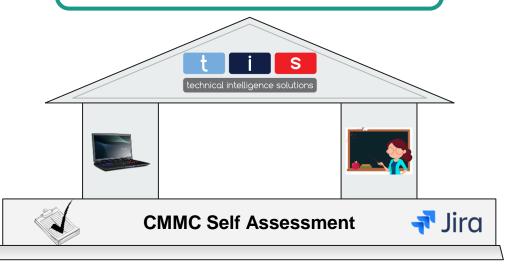
Training Management







- CMMC compliance is foundational
- Research indicates large effort necessary for implementation (12 weeks)
- Team 2 to focus on CMMC Self Assessment for greatest value

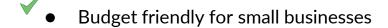




Innovative 3 in 1 Solution

Why Jira is right for our sponsor

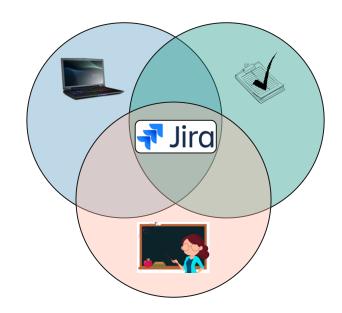




SaaS and self-hosted on premise options

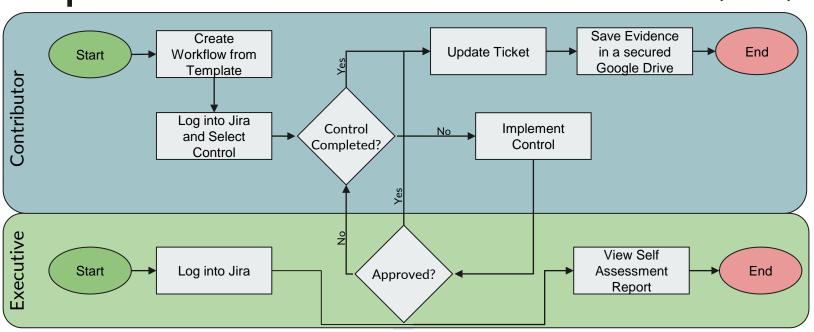
Known migration accommodation for future growth

Intuitive user interface for all users and administrators





Proposed CMMC Self Assessment Process (Jira)

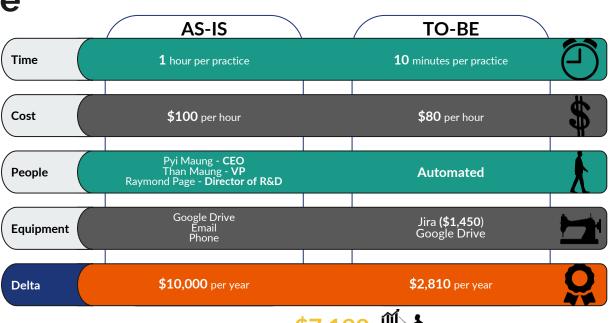


As-Is vs To-Be

Context

CMMC Level 2 has **100+** practices

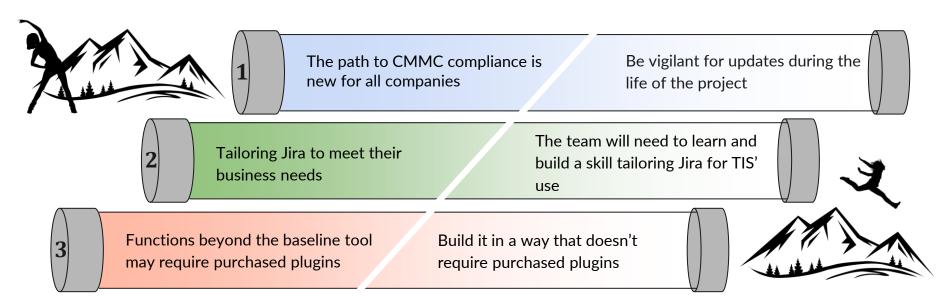
Jira Cloud for **10** users **\$100** for executive pay **\$80** for contributor pay



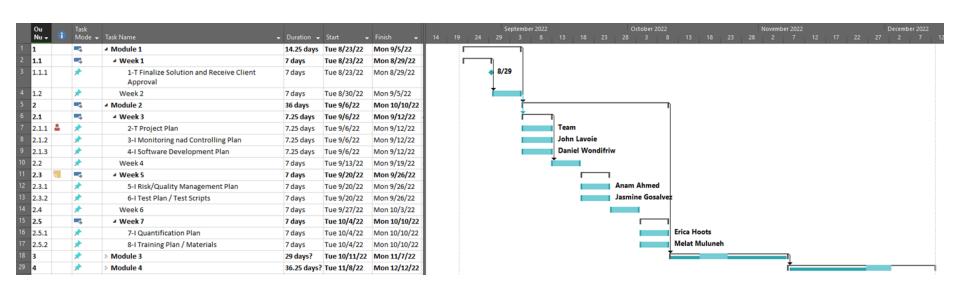
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Implementation Challenges



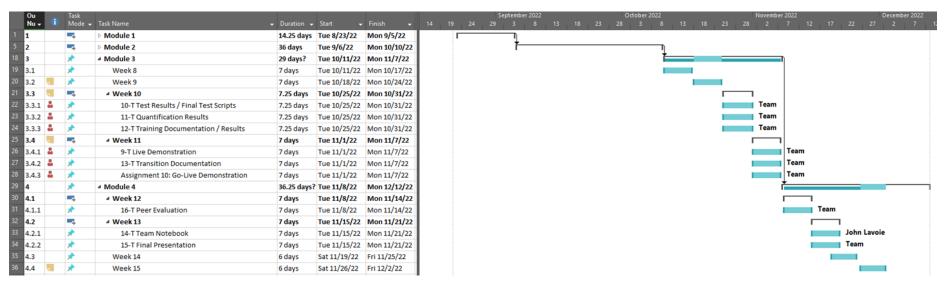
493 Preliminary Schedule Modules 1-2



IT493

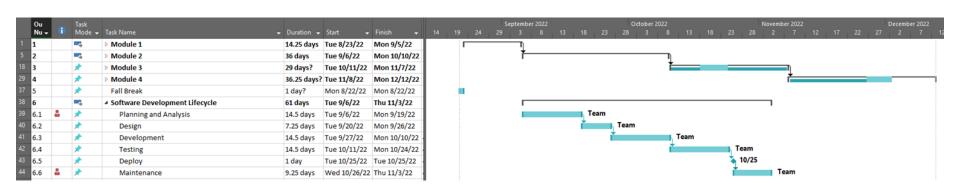


493 Preliminary Schedule Modules 3-4





493 Preliminary Schedule Software Development Lifecycle



493 Team Assignments







Conclusion

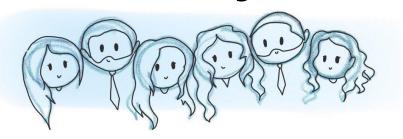


technical intelligence solutions



- Clear opportunities for process improvement
- **Direct** impact on business operations
- Aligned with TIS growth strategy
- Low barrier to entry and sustainment
- Long term **benefit** to additional processes

Thank you.



References

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- https://www.atlassian.com/software/jira/guides/use-cases/who-uses-jira#how-devops-teams-use-jira
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