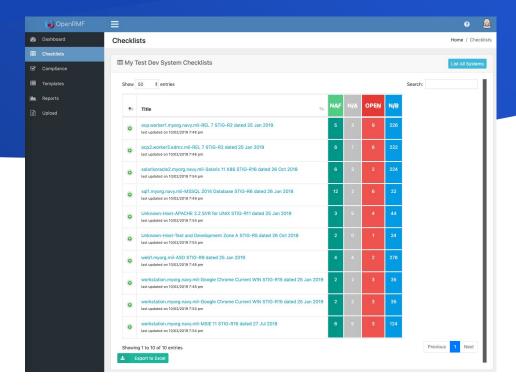
# OpenRMF - Innovation and Automation for DISA STIGs and NIST Controls

#### https://www.openrmf.io

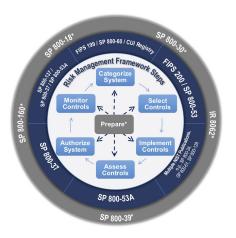
The only open source tool to help you manage your DISA STIGs, NIST Controls, and correlate them automatically!

- Upload Checklists
- Run Compliance Reports
- Filter on Open Items remaining
- Manage Checklists by System

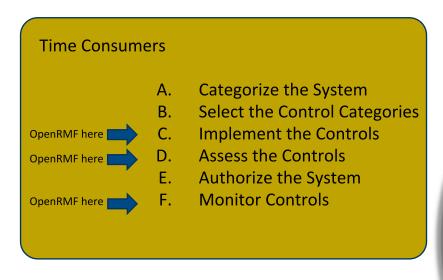


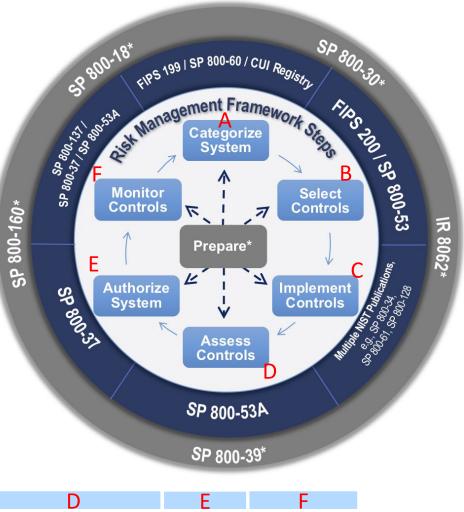
### **Current Challenges Implementing RMF**

- Slow process driven by disparate systems
- Compliance with STIGs means checklists are numerous and not related directly to NIST controls
- Information shared via Email, DISA STIG Viewer, Excel, and shared folders no single source of truth
- Limited management oversight into the IA status and security posture
- Must install Java to use the DISA STIG viewer
- IT Teams must manage the checklists manually
- Checklists are managed manually, one at a time
- Leadership sees Cybersecurity as "black magic" and "too hard"
- Leadership does not see value in Cybersecurity only hardship
- No correlation of errors and deltas across checklists

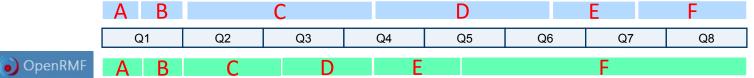


#### The RMF Process – 6 Steps





#### **Current Timeframe**



1

#### Complexity of RMF in your System

Example: 1 system consisting of 10 Windows Servers with 1 Application

#### eMass Process Categorize System (High / Medium / Low) Outputs Selections to **NIST Control** Categories Medium Level system could have 180 controls AC-1 AC-2 AC-12 PM-2 PM-12

No Automated Correlation

**Completely Manual!** 

#### **DISA STIG Process**

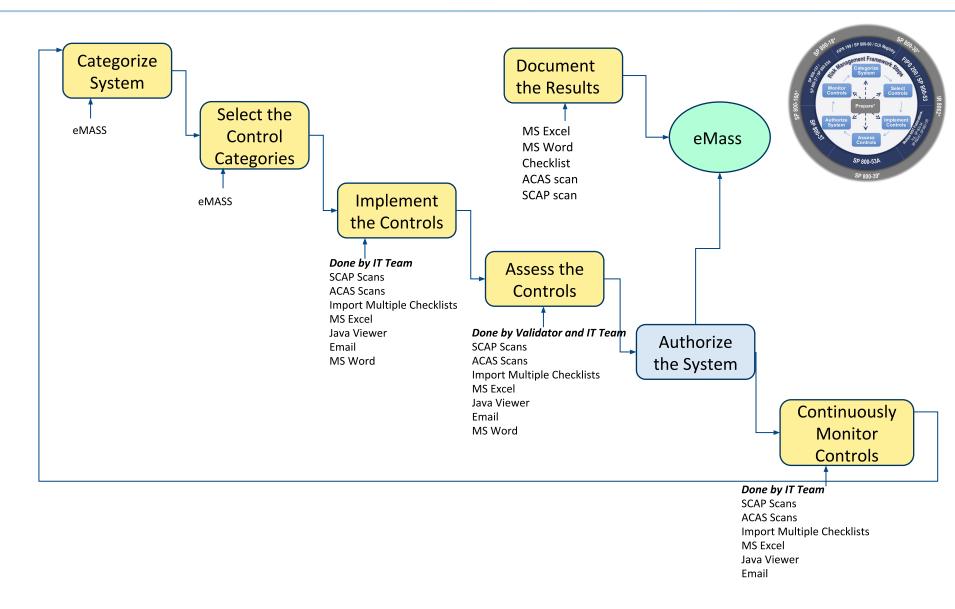
Identify necessary checklists for your system

- (10) Windows 2016 OS Checklists (272 items each)
- (10) Internet Explorer Checklists (136 items each)
- (10) .NET Checklists (16 items each)
- (1) SQL Server 2014 DB Checklist (42 items each)
- (1) SQL Server 2014 Instance Checklist (92 items each)
- (1) Application Security & Development Checklist (288 items)
- (10) Java Checklists (16 items each)

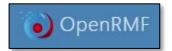
Open a new checklist (53) for each with the STIG Viewer to modify and update 4,822 items!

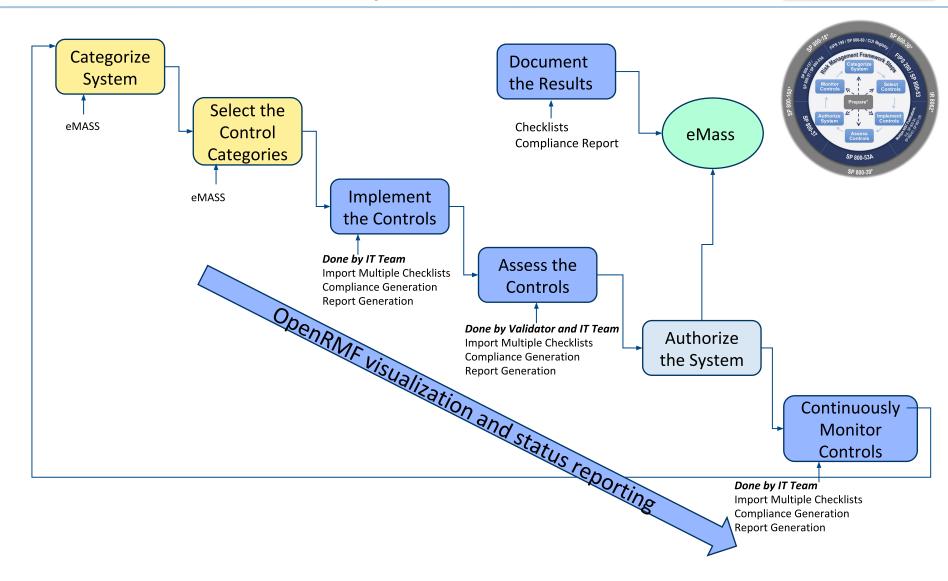


#### **Current RMF Process**



## RMF Process with OpenRMF Automation





#### **OpenRMF** Features

- Automatically Relate DISA STIGs with NIST RMF Controls Seamlessly
- Automatically Organize Checklists by System
- Single Source of Truth for all System Checklists
- Management Insight into IA Status and Security Posture
- On premise, local machine, or in the cloud
- Browser based
- Role Based Access Control
- Easily Find Errors and Deltas Across Checklists
- Removes the IA Mystery!

More information at <a href="https://www.openrmf.io/">https://www.openrmf.io/</a>

#### Coming Soon...

- Nov 2019
  - SCAP scan import to create/update a checklist
  - Single Source of Truth for all SCAP scan results
  - Automated update of checklist from scan results
- January 2020
  - ACAS scan results
  - Single Source of Truth for all ACAS scan results
- March 2020
  - Logging and Auditing across systems
- May 2020
  - Live Editing of Checklists Online
- December 2020 Enterprise Features
  - Versioning of Checklists
  - More Detailed Reporting
  - Multi-Tenant
  - Risk Assessment Report generation
  - POA&M generation

# **OpenRMF v 0.8 Screenshots**

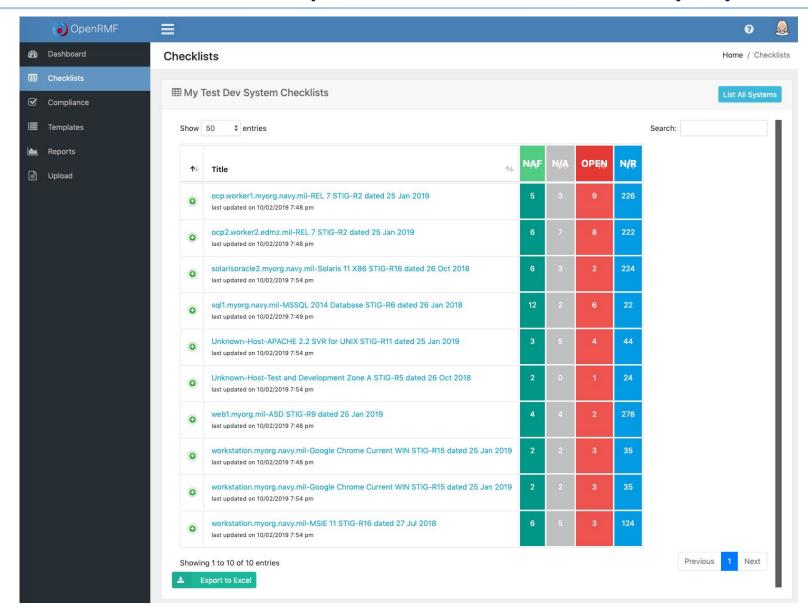
#### **OpenRMF Testimonials**

"Using the OpenRMF tool, we reduced the three weeks to generate our compliance report down to 5 minutes. And OpenRMF found an error in our compliance we did manually." – former employee of MSG

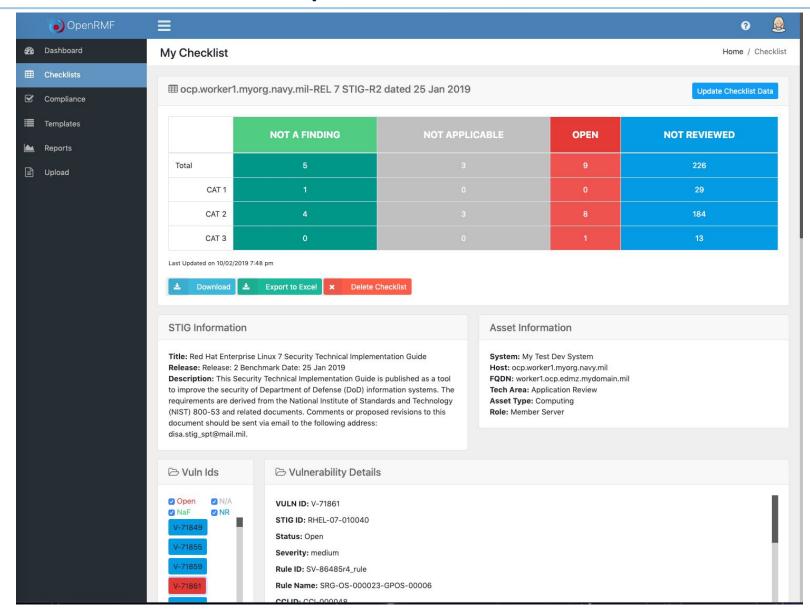
"With the OpenRMF Tool, we quickly found 2 servers with the exact same hostname we did not see by looking at each checklist individually." - Neany

"Using the list of checklists per system, we were able to update management on our number of open items across all checklists within our system in seconds." - Tutela

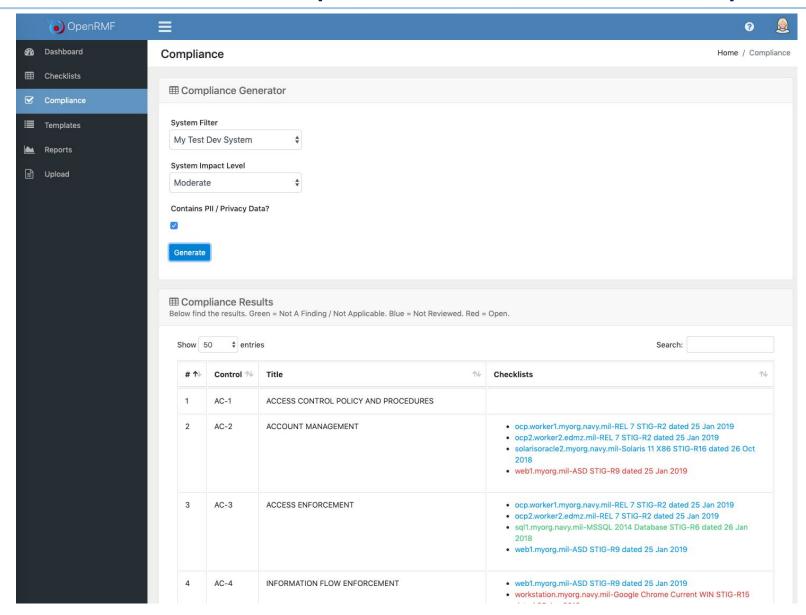
### Screen Shots - OpenRMF Checklists by System



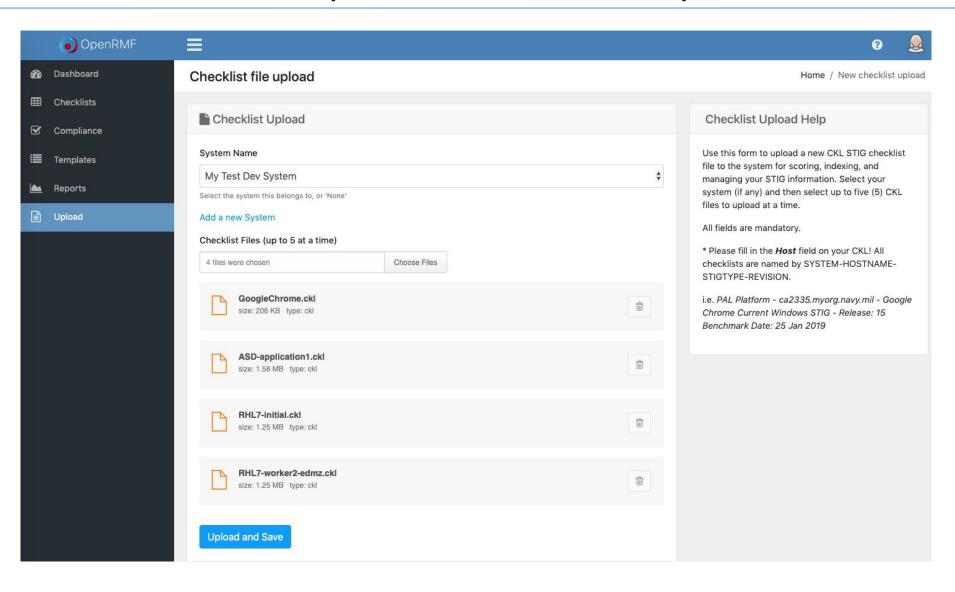
## Screen Shots – OpenRMF Individual Checklist



### Screen Shots – OpenRMF Generate Compliance



## Screen Shots – OpenRMF Checklist Upload



# Screen Shots – OpenRMF Reports

