



Information Technology
& Data Analytics

DevSecOps & Automation – EP&S

Monthly Report Out - June 2023

CONTENTS

- 1) Vision
- 2) 2023 DevSecOps Progress
- 3) Automation Progress
- 4) Training and references

VISION



Implement Lean practices through DSO maturity coverage and IT Automation.



Increased operating speed and flexibility, release-on-demand, and first-time quality of secure-by-design applications.



Reduced hours and improved efficiency through automation



2023 DEVSECOPS PROGRESS

DEVSECOPS 2023



OKR

- Implement Lean practices through DSO maturity coverage for **70% of High ROI products**



Target

- Complete DSO Assessments for new applications **120 Apps**
[Overall – 280 apps (~30%)]
- Re-Assessments - **40 apps**
- Implementation roadmap for 40% Applications - **120 apps**
[Overall – 200 (~20%)]
- Improved overall maturity to **3.0** from **2.8**. Focus on High ROI and business critical Applications.
- ROI Calculation - **50 Apps**

PROGRESS

- On Track
- Watch Item
- Off Track

2023 OKR Targets

Q1

Q2

Target

Completed

Target

Completed

Complete DSO Assessments for new applications **120 Apps**



30

34



30

25 + 60 AMaaS

Implementation roadmap for Applications that have completed assessments- **90 Apps**



30

28



30

21 + 57 AMaaS

Roadmap implementation , Re-Assessment & ROI calculation for 15% Apps with roadmap created: - **40 apps**



10

0



10

4

*DSO Improvements pending

*40 app reassessment in pipeline

Maturity improvement and maintain Score **3.0+**



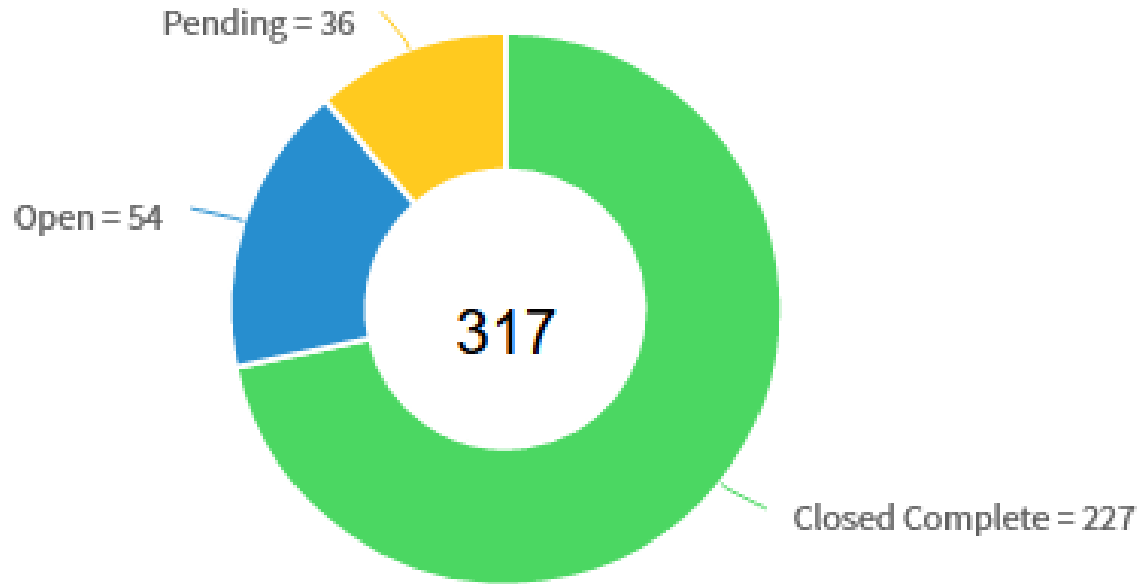
Maturity Score 3



Maturity Score 3



OVERALL ASSESSMENT PROGRESS




Open (Blue): Assessment has been sent to the Application Manager but has not been completed.

Pending (Yellow): Assessment has been sent to the Application Manager and has been completed without a roadmap..

Closed Complete (Green): Assessment has been sent to the Application Manager and has been completed and the roadmap added.


AUTOMATION STATUS - 2023

Target: 80k hrs.
Current status: 118k hrs.




Lucia Chung
Engineering and Product Support

Status	Saved	Efficiency	Avoided
Complete	-	66,571	41,816
In-Work	50	10,157	-
Backlog	-	-	-
Totals	50	76,728	41,816
		118,594	




Buba Turner
Engineering and Product Support

Status	Saved	Efficiency	Avoided
Complete	-	12,648	13,016
In-Work	50	9,557	-
Backlog	-	-	-
Totals	50	22,205	13,016
		35,271	




Jeffrey Stein
Engineering and Product Support

Status	Saved	Efficiency	Avoided
Complete	-	12,110	-
In-Work	-	600	-
Backlog	-	-	-
Totals	-	12,710	-
		12,710	



Jennifer Davis
Engineering and Product Support

Status	Saved	Efficiency	Avoided
Complete	-	30,029	28,800
In-Work	-	-	-
Backlog	-	-	-
Totals	-	30,029	28,800
		58,829	



Premeela Chacko
Engineering and Product Support

Status	Saved	Efficiency	Avoided
Complete	-	1,960	-
In-Work	-	-	-
Backlog	-	-	-
Totals	-	1,960	-
		1,960	

AUTOMATION Q1 STATUS

URL	Project Name	Record Status	Efficiency
1	DESE 3.3 Release Automation Savings	Complete	2238
2	Customer Engineering Production Release	Complete	2003
3	Boeing Predictive Assembly Technologies	Complete	2417
4	Functional Test Automation 3DExperience	Complete	2780
5	MBSI Software Express Deployment Automation	Complete	320
6	Flight Engineering and Propulsion Product Q1 Automation	Complete	66
7	SRP Gen Schedule and SRP Gen Template modules of BWS-CM	Complete	120
8	Automation of WIRS Application for Development and testing functionalities	Complete	1360

TRAINING AND REFERENCES

TRAINING AND SUPPORT

Automation COP

<https://devsecops.web.boeing.com/index.html> [DevSecOps Enterprise Website]

Training:

<https://devsecops.web.boeing.com/trainings.html>

<https://insite.web.boeing.com/culture/viewMedia.do?mediaId=428840>

Insite: DevSecOps related video series

Degreed: <https://degreed.com/pathway/mpl66o5r9d/pathway>

Oreilly: <https://learning.oreilly.com/library/view/the-devops-handbook/9781457191381/>

Enterprise Support

In case of any queries interested teams can register themselves through [EMC](#) (check for the session with the name “DevSecOps Office Hours (India)”).

For Product Teams in US, [Click Here](#) to block your slot

For Product Teams in India, [Click Here](#) to block your slot

DSO Support Systems	Description	URL
ATOMS	Platform to onboard to some of the commonly used tools like Coverity, Netsparker, SonarQube	https://atoms.web.boeing.com/home
ATOMS-CI	Saves your team time by generating an automated continuous integration pipeline and integrating different tools	https://atoms-ci.web.boeing.com/ci
Dev SecOps	Official DevSecOps website	https://devsecops.web.boeing.com/index.html
AppDynamics	Monitoring tool documentation	https://itms.pages.boeing.com/wiki/appdynamics/
Enablement kit	Architecture Checklist to improve maturity	https://devsecops.web.boeing.com/assessment/enablementKit.html
DSO Mattermost channel	Join this channel for any questions/updates	https://mattermost.web.boeing.com/dso/channels/town-square
DSO Consultation	Connect with the experts	DL DSO Consulting
DSO COE InSite Group	Join this group for any questions/updates	https://insite.web.boeing.com/culture/viewGroup.do?groupId=168061
Dev SecOps Video Library	Videos on different implementation	https://insite.web.boeing.com/culture/displayGroupMedia.do?groupId=168061

ASSESSMENT PROCESS

DevSecOps Assessment Process Flow (Swimlane)

Please refer to the attached PDF.



GSEP Process for Dashboard Access

Please use the [link](#) to get access to the assessment dashboard. This is an auto approval process. Please select the first option for Business Stakeholder group.

Try to access this [Dashboard Link](#) after few minutes.

CONTACT US

	DRI	Project Management	Core Team Focal	Enterprise collaboration
DevSecOps	Abhishek Singh Kenneth C Shew	Pramithi R Karimpanakkal	<ol style="list-style-type: none"> 1. Singh, Abhishek K 2. Valiyarayil, Siby 3. Pattanaik, Anup K 4. Ammata, Sudhakar 5. Bakhedi, Bharati Bahubali 6. Balraj, Bharath K 7. Ghosh, Saikat 8. Ghosh, Subhabrata 9. Gundupalli, Rajesh Reddy 10. H D, Sarika 11. K L, Bharath 12. Karri, Ram Sai 13. K-R, Rahul 14. Kuriakose, Tintu M 15. Kurian, Abhijith 16. Kuruba Chandra Kumar 17. Mistry, Ashok 18. Nagaraju, Ganesh 19. Nagziriya, Anshika 20. Nair, Aathira Manikandan 21. Padmanaban Shunmugam, Nihila 22. Abhishek Kumar 23. Prabhat, Kumar 24. Radhakrishnan, Chinjumol 25. Reddy, V Sanjeev 26. Rompicherla, Rakesh 27. Saw ant, Sw apnil Ravindra 28. Varghese, Jessy 29. Vinukonda, Basha 30. Jayanta Mondal DL Product Systems - DevSecOps Core Team	<ol style="list-style-type: none"> 1. Karthik Tirukkoylur Sekhar 2. Dolly Bhaskara 3. Arun Prakash Jeyaprakash 4. Anandapadmanabhan Gopalakrishnan 5. Sushil Mishra 6. Donald R Wellington DL DSO DRIs
Automation	Kenneth C Shew Naga Harsha Kaggallu	Priyanka Dhanpal Chougule		

THANK YOU

