

# Nexus IQ Success Metrics

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## Summary Report

### Current Period (2021-09-06 - 2021-10-04)

Onboarded 37 applications at an average of 7 per week  
Scanned applications at an average of 15 per week  
Performed a total of 212 scans at an average of 42 per week

Current Period	Total	Critical	Severe	Moderate
Discovered Security Violations	1155	437	662	56
Open Security Violations	1062	380	626	56
Fixed Security Violations	46	13	33	0
Waived Security Violations	47	44	3	0
Discovered License Violations	11	8	3	0
Open License Violations	6	3	3	0
Fixed License Violations	5	5	0	0
Waived License Violations	0	0	0	0
Total	1166	445	665	56

### Current Period

It took an average of 14 days to fix critical violations  
It took an average of 15 days to fix severe violations  
It took an average of 2 days to fix moderate violations  
Most critical application has 33 critical violations  
Least critical application has 0 critical violations

Compare Periods

Period 1 (2021-09-06 - 2021-09-13)

Onboarded 16 applications at an average of 8 per week  
Scanned applications at an average of 11 per week  
Performed a total of 53 scans at an average of 26 per week

Period 2 (2021-09-20 - 2021-10-04)

Onboarded 37 applications at an average of 12 per week (cumulative)  
Scanned applications at an average of 17 per week  
Performed a total of 159 scans at an average of 53 per week

Period 1	Total	Critical	Severe	Moderate
Discovered Security Violations	639	249	359	31
Open Security Violations	638	248	359	31
Fixed Security Violations	0	0	0	0
Waived Security Violations	1	1	0	0
Discovered License Violations	0	0	0	0
Open License Violations	0	0	0	0
Fixed License Violations	0	0	0	0
Waived License Violations	0	0	0	0
Total	639	249	359	31

Period 2	Total	Critical	Severe	Moderate
Discovered Security Violations	516	188	303	25
Open Security Violations	1062	380	626	56
Fixed Security Violations	46	13	33	0
Waived Security Violations	46	43	3	0
Discovered License Violations	11	8	3	0
Open License Violations	6	3	3	0
Fixed License Violations	5	5	0	0
Waived License Violations	0	0	0	0
Total	527	196	306	25

Period 1

It took an average of 9 days to fix critical violations  
It took an average of 0 days to fix severe violations  
It took an average of 0 days to fix moderate violations

Most critical application has 33 critical violations  
Least critical application has 0 critical violations

Period 2

It took an average of 14 days to fix critical violations  
It took an average of 15 days to fix severe violations  
It took an average of 2 days to fix moderate violations

Most critical application has 33 critical violations  
Least critical application has 0 critical violations

## Analysis

Measure	Before (2021-09-06 - 2021-09-13)	After (2021-09-20 - 2021-10-04)	Delta	Change (%)	xTimes
Total Onboarded Apps (# of apps)	16	37	21	131.25	2.31
Onboarding Rate (apps/period)	0.50	7.00	6.50	0.00	14.00
Total Scans	53.0	159.0	106	200.00	3.00
Scanning Coverage %(apps scanned at least once /period)	68.75	45.95	-22.80	-33.17	0.67
Scanning Rate (total scans per period)	26.00	53.00	27.00	103.85	2.04
Average Scans per App (scanning rate/apps)	1.63	1.43	-0.20	-11.85	0.88
Discovery Rate Criticals (# of discovered Critical violations/period & app)	7.75	1.68	-6.07	-78.38	0.22
Fixing Rate Criticals (# of fixed Critical violations /period & app)	0.00	0.11	0.11	0.00	0.00
Backlog Reduction Rate Criticals %(# of fixed / # of discovered)	0.00	9.18	9.18	0.00	0.00
Risk Ratio (# of Critical violations / # of apps)	15.0	10.0	-5	-33.33	0.67
MTTR Criticals (average # of days to fix Critical violations)	9	14	5	55.56	1.56