

# Nexus IQ Success Metrics

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## Summary Report

### Current Period (2021-09-06 - 2021-10-11)

Onboarded 41 applications at an average of 6 per week  
Scanned applications at an average of 14 per week  
Performed a total of 248 scans at an average of 41 per week

Current Period	Total	Critical	Severe	Moderate
Discovered Security Violations	1253	476	715	62
Open Security Violations	1157	416	679	62
Fixed Security Violations	47	14	33	0
Waived Security Violations	49	46	3	0
Discovered License Violations	27	24	3	0
Open License Violations	22	19	3	0
Fixed License Violations	5	5	0	0
Waived License Violations	0	0	0	0
Total	1280	500	718	62

### 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 4 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 - 2021-09-27)

Onboarded 34 applications at an average of 8 per week  
Scanned applications at an average of 15 per week  
Performed a total of 186 scans at an average of 46 per week

Period 2 (2021-10-04 - 2021-10-11)

Onboarded 41 applications at an average of 20 per week (cumulative)  
Scanned applications at an average of 13 per week  
Performed a total of 62 scans at an average of 31 per week

Period 1	Total	Critical	Severe	Moderate
Discovered Security Violations	1153	435	662	56
Open Security Violations	1072	389	627	56
Fixed Security Violations	46	13	33	0
Waived Security Violations	35	33	2	0
Discovered License Violations	3	0	3	0
Open License Violations	3	0	3	0
Fixed License Violations	0	0	0	0
Waived License Violations	0	0	0	0
Total	1156	435	665	56

Period 2	Total	Critical	Severe	Moderate
Discovered Security Violations	100	41	53	6
Open Security Violations	1157	416	679	62
Fixed Security Violations	1	1	0	0
Waived Security Violations	14	13	1	0
Discovered License Violations	24	24	0	0
Open License Violations	22	19	3	0
Fixed License Violations	5	5	0	0
Waived License Violations	0	0	0	0
Total	124	65	53	6

Period 1

It took an average of 12 days to fix critical violations  
It took an average of 14 days to fix severe violations  
It took an average of 1 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 18 days to fix critical violations  
It took an average of 31 days to fix severe violations  
It took an average of 9 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 - 2021-09-27)	After (2021-10-04 - 2021-10-11)	Delta	Change (%)	xTimes
Total Onboarded Apps (# of apps)	34	41	7	20.59	1.21
Onboarding Rate (apps/period)	4.75	3.50	-1.25	0.00	0.74
Total Scans	186.0	62.0	-124	-66.67	0.33
Scanning Coverage %(apps scanned at least once /period)	44.12	31.71	-12.41	-28.13	0.72
Scanning Rate (total scans per period)	46.00	31.00	-15.00	-32.61	0.67
Average Scans per App (scanning rate/apps)	1.35	0.76	-0.59	-44.11	0.56
Discovery Rate Criticals (# of discovered Critical violations/period & app)	3.18	0.49	-2.69	-84.64	0.15
Fixing Rate Criticals (# of fixed Critical violations /period & app)	0.09	0.00	-0.09	0.00	0.00
Backlog Reduction Rate Criticals %(# of fixed / # of discovered)	2.99	9.23	6.24	208.88	3.09
Risk Ratio (# of Critical violations / # of apps)	11.0	10.0	-1	-9.09	0.91
MTTR Criticals (average # of days to fix Critical violations)	12	18	6	50.00	1.50