

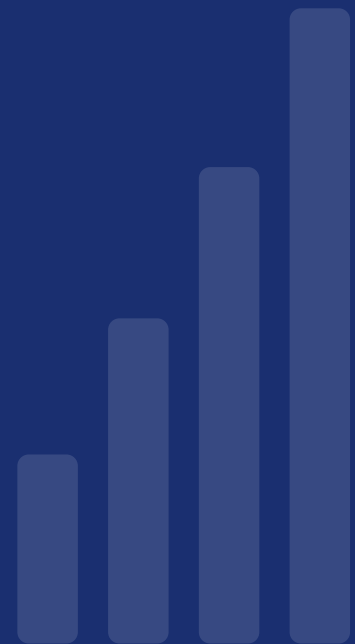


SAMPLECO
ENGINEERING / FICTIONAL DEMONSTRATION

LICENSE INTELLIGENCE REPORT

MATLAB Application Report

Detailed adoption, capacity, and expertise analysis



PREPARED FOR

**SampleCo
Engineering
(Fictional)**

REPORT SCOPE

**Detailed adoption,
capacity, and
expertise analysis**

GENERATED

31 August 2026

APPLICATION SNAPSHOT

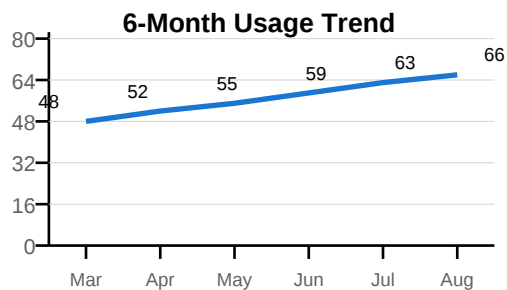
LAST 12 MONTHS | MEASURED KEYSTONE DATA

Usage metrics reflect available monitored history within the Last 12 Months window for MATLAB.

TOTAL LICENCES	KEYSTONE SEATS	SITES	PEAK IN USE
96	44	2	29
SEAT REACH 44 seats / 32 users		MOST ACTIVE USER Avery Chen	
ACTIVE USERS (90D) 32 (+2 vs prior 90d)		NEW / DORMANT USERS 2 new / 0 dormant	
LICENSE CAMPING 2 holds; 1 with contention		OVERNIGHT / WEEKEND HOLDS 1 / 0	

License-camping rows are review candidates for timeout or user-policy discussion, not automatic cut recommendations.

Usage Trends (MoM)



Trends Analysis

→ Change: +5%

- This month sessions: 66
- Last month sessions: 63

Expiring Licences

Feature	Days Left	Count
matlab	181	28
simulink	181	18
matlab	181	16
simulink	181	12

License Deployments by Site

Each card represents one application deployment. Adoption compares finite seats with distinct users in the analysis window; seats can be shared over time. Keystone capacity is used where configured; other seat counts are marked as estimates.

NORTH CAMPUS		DEPLOYMENT 1 OF 2		
SERVER 27000@lic-north-a	SEATS : USERS	SESSIONS	AVG. DURATION	SESSIONS / USER
CAPACITY 28 keystone licences 62 total across all features	28 : 16	33	117 min	2.1

DESIGN CENTRE		DEPLOYMENT 2 OF 2		
SERVER 4085@lic-design-b	SEATS : USERS	SESSIONS	AVG. DURATION	SESSIONS / USER
CAPACITY 16 keystone licences 34 total across all features	16 : 16	33	115 min	2.1

Technical Addenda

Full-length reference tables follow. These detailed listings support the summary findings above and may span multiple pages.

Unused Features Analysis (Harvest Candidates)

Top Unused Features found on Server: 27000@lic-north-a)

Feature	Days Unused	Recommendation
pde_toolbox	214	● Harvest

Feature Popularity Analysis

This analysis ranks all application features based on real-world usage. It helps identify which features provide the most value to users and which may be underutilized or redundant.

Feature	Sessions	Users	Avg Length	Adoption %	Hours
matlab	238	32	115m	100.0%	457.0h
simulink	61	6	116m	18.8%	117.5h
optimization_toolbox	44	6	117m	18.8%	85.5h

Key Insights:

- Most popular: matlab with 238 sessions from 32 users
- Total activity: 343 sessions across 3 features (660.0 hours)
- Average session length: 115.5 minutes

Feature Champions & Expertise Analysis

This analysis identifies key expert users ('champions') for each feature based on a multi-dimensional scoring of their usage. It helps locate internal experts for knowledge sharing, mentoring, and highlights features 'at-risk' of having no institutional knowledge.

Identified champions for 3 features using multi-dimensional expertise scoring

Feature	Champion	Dept.	Score	Usage	Last Seen	Health
matlab	Greta Lind	Simulation Engineering	0.657	5 sessions (17.5h)	8d ago	● Healthy
simulink	Noah Patel	Vehicle Systems	0.565	10 sessions (22.2h)	6d ago	● Healthy
optimization_toolbox	Zoe Martin	Product Engineering	0.525	6 sessions (12.2h)	8d ago	● Healthy

Cross-Feature Knowledge Bridges

1 multi-feature experts combine knowledge across important features. They are strong candidates for mentoring, cross-team support, and reducing dependence on isolated specialists.

MAYA ORTIZ		PRODUCT ENGINEERING
EXPERTISE	FEATURE COVERAGE	BRIDGE SCORE
simulink, optimization_toolbox	2 features	1.04

Champion Strategy Recommendations

Cross-training: Maya Ortiz could lead multi-feature training sessions

Distribution: Simulation Engineering dominates 1 feature championships - consider diversification

Temporal Usage Patterns & Capacity Analysis

This section analyzes **when** licenses are being used to identify peak load times during the day and across the week. This is useful for capacity planning, helping to predict license contention and prevent user denials during busy periods.

Peak Usage Hours Analysis

Hour	Sessions	Avg Duration	Usage Intensity	Pattern
00:00	0	0m	0	● Inactive
01:00	0	0m	0	● Inactive
02:00	0	0m	0	● Inactive
03:00	0	0m	0	● Inactive
04:00	0	0m	0	● Inactive
05:00	0	0m	0	● Inactive
06:00	0	0m	0	● Inactive
07:00	0	0m	0	● Inactive
08:00	34	101m	3420	● Normal
09:00	34	108m	3675	● Normal
10:00	34	112m	3825	● Normal
11:00	34	122m	4155	● Normal
12:00	35	127m	4455	● High
13:00	36	101m	3645	● Peak
14:00	36	112m	4020	● Peak
15:00	34	118m	4020	● Normal
16:00	33	124m	4080	● Low
17:00	33	130m	4305	● Low
18:00	0	0m	0	● Inactive
19:00	0	0m	0	● Inactive
20:00	0	0m	0	● Inactive
21:00	0	0m	0	● Inactive
22:00	0	0m	0	● Inactive
23:00	0	0m	0	● Inactive

Weekly Pattern Analysis

WEEKLY OPERATING RHYTHM		SCHEDULE CLASSIFICATION UNAVAILABLE	
Session timing is available, but working-hours classification cannot be calculated without a current site schedule.			
TOTAL SESSIONS	PEAK WEEKDAY	WEEKEND SHARE	WITHIN SCHEDULE
343	Wednesday	28.9%	Not available
BUSIEST HOURS		PEAK WEEKDAY ACTIVITY	
13:00, 14:00		51 sessions	
SCHEDULE SETUP			
Configure the current schedule and timezone in Admin > Sites			

Department Usage Patterns

Department	Peak Window	Sessions	App. Share
Digital Manufacturing	08:00-17:00	69	20.1%
Product Engineering	08:00-17:00	101	29.4%
Research and Development	08:00-17:00	54	15.7%
Simulation Engineering	08:00-17:00	62	18.1%
Vehicle Systems	08:00-17:00	57	16.6%

Feature Usage Timing Analysis

Feature	Peak Hour	Peak Sessions	Time Pattern	Usage Style
matlab	14:00	26	Unclassified	Schedule Required
simulink	13:00	8	Unclassified	Schedule Required
optimization_toolbox	08:00	6	Unclassified	Schedule Required

Capacity Planning & Contention Analysis

Review timing before changing capacity	OPTIMIZATION REVIEW
Estimated application overlap: 2 simultaneous feature sessions across all features. This is not a single-pool utilisation measure. Peak activity windows: 13:00-14:00, 14:00-15:00. User concentration: 1 of 32 identified users (3%) were active in the peak clock-hour profile. Observed direction: Usage was increasing across the observed months. Next action: Compare feature-level peaks with owned capacity and confirmed denial evidence before reallocating or purchasing seats.	

Department-wise Feature Analysis

By leveraging Active Directory data, this analysis shows which business units are the primary consumers of this application. It reveals departmental work patterns and feature preferences, which can inform budget allocation and chargeback discussions.

Department Specialisation Index

Dept.	Users	Feat. Used	Feature Focus	Primary Feature	Usage Share
Product Engineering	8	3	● MEDIUM	matlab	66.3%
Digital Manufacturing	8	3	● HIGH	matlab	75.4%
Simulation Engineering	6	3	● HIGH	matlab	67.7%
Vehicle Systems	5	3	● HIGH	matlab	68.4%
Research and Development	5	3	● HIGH	matlab	70.4%

Department Feature Preferences

This index highlights key feature preferences across departments, based on session usage and user engagement. The table below ranks the top 3 features by overall demand, with colour intensity reflecting relative departmental preference.

Department	matlab	simulink	optimization_tool...
Product Engineering	●●●● 8u	●●●○ 2u	●●●○ 2u
Digital Manufacturing	●●●● 8u	●●●○ 1u	●●●○ 1u
Simulation Engineering	●●●● 6u	●●●○ 1u	●●●○ 1u
Vehicle Systems	●●●● 5u	●●●○ 1u	●●●○ 1u
Research and Development	●●●● 5u	●●●○ 1u	●●●○ 1u

Cross-Department Feature Sharing

Identifies features shared across departments, highlighting potential collaboration opportunities. Features are ranked by their adoption breadth, with collaboration levels (HIGH/MEDIUM/LOW) determined by the number of departments using them. The primary owner reflects the department with the highest usage volume.

Feature	Depts. Using	Collab. Level	Primary Owner
matlab	5 depts	● HIGH	Product Engineering
optimization_toolbox	5 depts	● HIGH	Product Engineering
simulink	5 depts	● HIGH	Product Engineering

Department Strategy Recommendations

	Medium Usage in Product Engineering	Prime candidates for license growth - expect growth in matlab as team grows. Plan capacity accordingly to headcount.
	High Specialization in Digital Manufacturing	Users heavily focus on matlab (75%). For this department availability is critical, consider reserves or prioritisation.
	High Specialization in Simulation Engineering	Users heavily focus on matlab (68%). For this department availability is critical, consider reserves or prioritisation.
	High Specialization in Vehicle Systems	Users heavily focus on matlab (68%). For this department availability is critical, consider reserves or prioritisation.
	Cross-Department Collaboration	matlab is used by 5 departments. Ensure its availability is treated as a critical enterprise resource.
	Primary User Group	The Product Engineering department makes up 25% of the user base. Their needs should be the primary driver for licensing strategy.

Multi-Site Feature Distribution Analysis

This analysis compares license allocation and usage across all sites where this application is deployed. It identifies opportunities for cost savings by reallocating surplus licenses from underutilized sites to those that are capacity constrained.

Site Performance Overview

Site	Licenses	Features	Utilization	Classification	Sessions
North Campus	28	4	75%	 REGIONAL	173
Design Centre	16	3	100%	 SATELLITE	170

Cross-Site Feature Distribution

Feature	North Campus	Design Centre
matlab	 28	 16
simulink	 18	 12
optimization_toolbox	 10	 6
pde_toolbox	 6	

Site Specialization Patterns

Site	Specialization Level	Primary Focus	Conc.	Strategy
North Campus	 HIGHLY SPECIALIZED	matlab	90.3%	Center of Excellence
Design Centre	 HIGHLY SPECIALIZED	matlab	100.0%	Center of Excellence

Geographic Load Distribution

Site	Load %	Capacity %	Effic.	Status	Recommendation
North Campus	50.4%	63.6%	6.18	 BALANCED	No action recommended
Design Centre	49.6%	36.4%	10.62	 OVERLOADED	Add capacity or redistribute load to this site

Geographic Optimization Strategy

Capacity Expansion: 1 site(s) overloaded (Design Centre) - redistribute licenses from underutilized peers or expand capacity

Centers of Excellence: 2 sites highly specialized - Leverage for targeted training and support

Enterprise Overview: 2 sites with 88% average feature breadth - Above optimal range