

Sizing Guide and Worksheet

Maximo AppPoints Sizing Guide

A quick reference and worksheet for right-sizing your MAS license. Applies to MAS 8.x, 9.0, and 9.1.

01 How AppPoints Work

An AppPoint is a unit of value in a shared pool, not a per-user license. Every user, every administrator, and certain installed components draw from one pool based on what they are entitled to use.

Sizing your license means adding up what each user costs in points, adding the install costs on top, and covering the total with room to grow. The tables below are for lookup. The worksheet sizes your own pool. Every number comes from IBM's published licensing guidance, linked at the end.

02 The Three Tiers

TIER	INCLUDES	CANNOT ACCESS	TYPICAL ROLE
Limited	View across all modules, status change, update assigned work orders, inspections, plus full use of any 3 Manage modules. Mobile and Monitor available.	Planning and Scheduling, Administration, Integration, Security, System Configuration (none can be one of the 3 modules).	Technicians, inspectors
Base	Everything Limited has, plus Planning and Scheduling, Administration, Integration, Security, System Configuration, and Maximo Health.	Industry solutions and add-ons.	Planners, schedulers, supervisors, reliability
Premium	Any application in the suite except suite administration. Includes industry solutions, add-ons, Predict, and Visual Inspection.	Suite administration only.	Anyone needing an IS, add-on, Predict, or MVI

03 Conversion Ratios

Steady across 8.x, 9.0, and 9.1. Read the column that matches how you license the user.

TIER	AUTHORIZED (PER NAMED USER)	CONCURRENT (PER SIMULTANEOUS USER)
Limited	2 AppPoints	5 AppPoints
Base	3 AppPoints	10 AppPoints
Premium	5 AppPoints	15 AppPoints
Base administrator	10 AppPoints	Authorized only
Premium administrator	15 AppPoints	Authorized only

READ THE RIGHT COLUMN

Authorized is a named, dedicated entitlement. Concurrent is a shared slot, checked out when a user logs in and returned when they log out. Mixing up the two columns is the most common sizing error.

04 Install AppPoints

Fixed costs that come off the top of your pool before you license a single user.

COMPONENT	INSTALL APPPOINTS
Maximo Spatial	20
Maximo Civil Infrastructure	50
Maximo Optimizer	220 (or 60 for Optimizer Limited)
Maximo Visual Inspection	45
Maximo Visual Inspection Edge	1 per device
Connector for SAP, Oracle, or Workday	80 each
Connector for TRIRIGA	0
Connector for Envizi	0
MREF Reserve (9.1): Limited / Base / Advanced	20 / 120 / 200

05 Five Things That Change Your Count

WATCH FOR	WHAT IT DOES TO YOUR NUMBER
IS or add-on access	Forces the user to Premium. There is no Base tier for industry-solution or add-on access. A Base user who needs one such app becomes Premium.
Security groups	Maximo derives the tier from group access, and the most permissive grant wins. One over-broad group can push users up a tier. Read the tier impact in the Security Groups application, not by querying the field.
Administrators	Reserve their points continuously. A Base admin can be granted higher app access, including Predict, without paying the Premium difference.
Self-service users	Cost zero AppPoints. Do not assign points to people who only submit and view requests.
Indirect access	If a third-party system writes to Maximo and Maximo owns the data, those users need licenses even if they never log in. If the other system owns the data and only syncs in, no license.

06 Size Your Pool: The Worksheet

Work the steps in order, then fill in the table.

1. Total your install components from the table above.
2. Sort every person into a bucket: self-service, Limited, Base, or Premium.
3. Move any Base user who touches an industry solution or add-on to Premium.
4. For each user bucket, pick Authorized or Concurrent. Compare named headcount at the Authorized rate against peak simultaneous count at the Concurrent rate, and take the cheaper.
5. Add administrators at 10 (Base) or 15 (Premium).
6. Sum it, then add 10 to 20 percent headroom for growth.

POPULATION	RATE	YOUR COUNT	APPOINTS
Install components (sum)	fixed	n/a	_____
Self-service users	x 0	_____	0
Limited users (Authorized)	x 2	_____	_____
Limited users (Concurrent)	x 5	_____	_____
Base users (Authorized)	x 3	_____	_____
Base users (Concurrent)	x 10	_____	_____
Premium users (Authorized)	x 5	_____	_____
Premium users (Concurrent)	x 15	_____	_____
Base administrators	x 10	_____	_____
Premium administrators	x 15	_____	_____
Subtotal			_____
Headroom (add 10 to 20 percent)			_____
Total pool			_____

07 Worked Example

A regional water utility: 60 field technicians (Limited, Authorized), 8 planners and schedulers (Base, Authorized), 3 reliability engineers who need Predict (Premium, Authorized), 2 Base administrators, and Maximo Spatial installed.

POPULATION	RATE	COUNT	APPOINTS
Spatial install	fixed	1	20
Field technicians (Limited, Authorized)	x 2	60	120
Planners and schedulers (Base, Authorized)	x 3	8	24
Reliability engineers, Predict (Premium, Authorized)	x 5	3	15
Base administrators	x 10	2	20
Subtotal			199
Headroom (15 percent)			30
Total pool			229

Note the shape. The 60 technicians, the largest group, cost the least per head. The 3 reliability engineers cost more than twice as much per person because Predict pulls them to Premium. A healthy maintenance license is usually a wide, cheap Limited base with a small Premium cap. If most of your points are going to a small group, check whether an industry solution or add-on quietly pushed your operators to Premium.

08 Verify the Numbers Against IBM

Every figure here comes from IBM's published licensing guidance. Confirm them for your version:

MAS 9.0 and earlier www.ibm.com/docs/en/masv-and-l/cd?topic=suite-licensing-in-maximo-application-90-earlier

MAS 9.1 www.ibm.com/docs/en/masv-and-l/cd?topic=suite-licensing-in-maximo-application-91

Each page also offers a PDF. If a number here disagrees with IBM's page, trust IBM's page, and let me know on LinkedIn so I can correct it.

Where to Find More

Everything below is free and lives at brockindustries.io.

Calculators that do this math for you

AppPoints Estimator brockindustries.io/tools/appoints-estimator/

Access and License Quick-Score brockindustries.io/tools/access-license-quick-score/

AppPoints Concurrency Calculator brockindustries.io/tools/appoints-concurrency-calculator/

AppPoint Value Recapture brockindustries.io/tools/appoint-value-recapture/

Articles

Plain-language pieces on AppPoints, licensing, MAS migration, and Maximo security, all written for the person who has to make the number work.

All articles brockindustries.io/articles/

Books

When you size this against your real user list and rebuild the security groups that drive consumption, that is the Workshop and Playbook below.

AppPoints and Security Groups (Workshop and Playbook) brockindustries.io/books/appoints-security-groups/

Full catalog brockindustries.io/books/

I write about Maximo, MRO, and reliability at brockindustries.io. To follow the work, connect with me on LinkedIn at linkedin.com/in/brockjason.