



Make the most of your software licenses with Altair Allocator™. With Allocator, you can share licenses among multiple job scheduling servers spread across multiple sites and business units – boosting your license utilization efficiency.

Product Highlights

Infrastructure

- Maximize utilization of expensive software licenses
- Increase visibility into sites' license utilization leveraging real-time metrics
- On-demand license allocation adjustments

Management

- Enforce license allocation policies across sites or business units
- Improve license cost management via license sharing

Learn more:
pbsworks.com

Allocator enables the sharing of software licenses among multiple Altair Accelerator™ servers that are spread across multiple geographic sites and/or business units. This capability can be used to better utilize the licenses by sharing them among multiple queues. Allocator achieves maximized license utilization by following the fundamental rules of “following the demand,” “gradual license migration,” and “license sharing according to policies.”

Maximize Software License Utilization

Design organizations are often spread across multiple geographies and data centers. Coupled with the increased complexity in today's SoC designs that drives up the cost of EDA software licenses, organizations increasingly need to share a common software pool in this complex environment in order to manage their total investment

While sharing a common pool of licenses can achieve overall cost objectives, the migration from site-specific licenses to shared software resources can present multi-site organizations with challenges. Allocator is designed with the needs of multi-site organizations in mind, allowing EDA licenses to be shared across multiple geographies.

Allocator works in conjunction with license monitoring and workload scheduling solutions such as Altair Monitor™ and Accelerator. It keeps track of total number of licenses in the pool and those in use, and it allocates available licenses across geographic sites and business units via comprehensive resource management policies.

Greater Operational Efficiency

Another facet of sharing software resources across multiple sites is having clear visibility into how licenses are being utilized across

licmon	All sites																
	T	O	V	M	A	SC Age 13s			IN Age 13s			CN Age 13s					
Resource						o	r	q	a	o	r	q	a	o	r	q	a
1 Policy-VerilogSim	408					240				48							130
2 M100	100									29				71			
3 M16	16									2				5			
4 M6	6									1				1			
5 License-mmsam_combo	6																
6 License-mmsam2	408					225				53				130			
7 License-mmsam	0					630				50				640			
8 License-ic_sta	120									14				35			
9 License-les	16													16			
10 License-FFF	55					33				6				16			
11 License-DDD_combo	90					35				35				5			
12 Ant6	6									4				1			
Σ	20	35				175	335	621		14	150	159		44	294	395	

View global resource allocation on the main dashboard

Resource: License:DDD_combo

License:DDD_combo 90 75

Have CheckedOut 45 80

Distributable Running

Nickname	Status	Weight	Min	Max	Quand	Target	Running	Uncertain	OOQ	VQ	Allocated	Req
0	OK	100	100	100	1	100	0	0	0	0	100	100
1	OK	100	100	100	1	100	0	0	0	0	100	100
2	OK	100	100	100	1	100	0	0	0	0	100	100
3	OK	100	100	100	1	100	0	0	0	0	100	100
4	OK	100	100	100	1	100	0	0	0	0	100	100
5	OK	100	100	100	1	100	0	0	0	0	100	100
6	OK	100	100	100	1	100	0	0	0	0	100	100
7	OK	100	100	100	1	100	0	0	0	0	100	100
8	OK	100	100	100	1	100	0	0	0	0	100	100
9	OK	100	100	100	1	100	0	0	0	0	100	100
10	OK	100	100	100	1	100	0	0	0	0	100	100

Drill down into a single resource



Use metrics to track allocations over time

an organization, along with the ability to prioritize and allocate licenses based on organizational needs.

Allocator gives organizations the software license policy management features they need to adjust license allocation and maximize the utilization of their software assets.

Allocator's advanced features provide the most comprehensive license management and allocation solution available:

- Allocator's metrics provide visibility into license utilization history and status across multiple sites
- Overbooking allows greater utilization of licenses
- Allocator's advanced matching algorithm, including matching by process ID (PID), allows for more accurate allocation of licenses across sites
- Organizations can set internal license management policies by setting a maximum number of licenses that can be allocated to any given site

All of the features listed are included in the product.