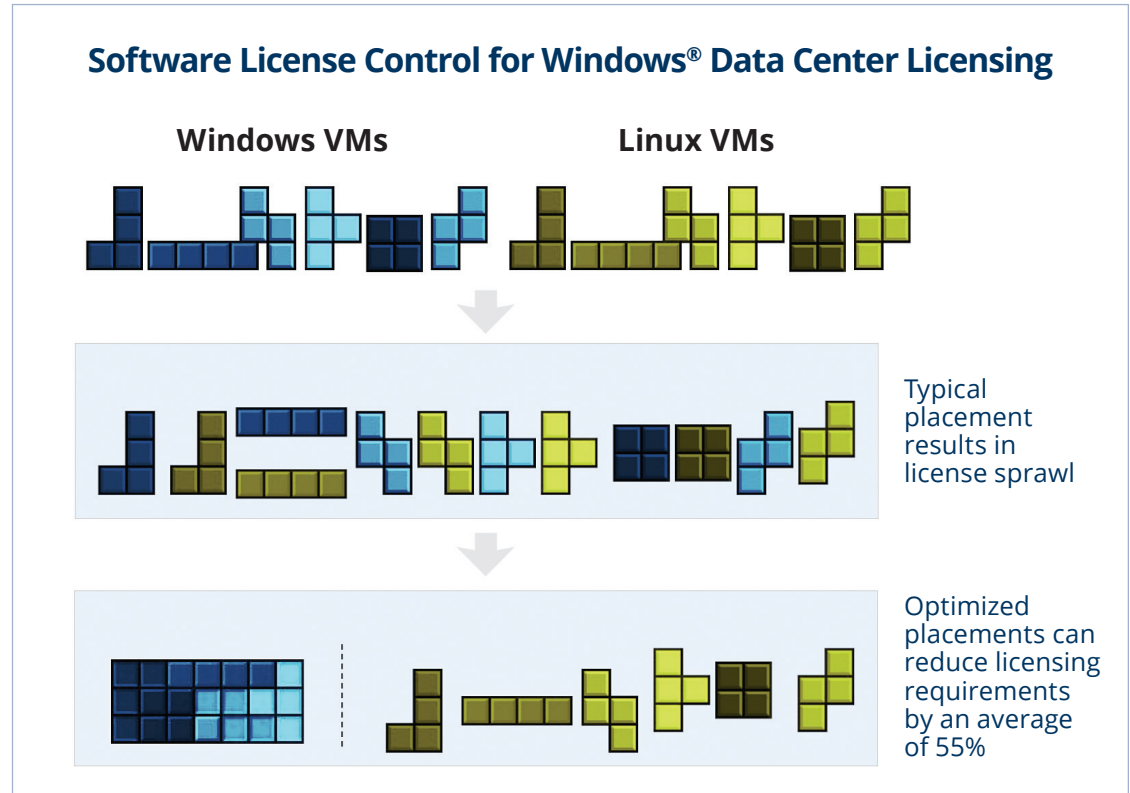# Densify for Software License Control

Densify™ takes a 'demand-driven' approach to infrastructure optimization, to ensure perfect alignment between application requirements and compute, storage, network, and software license resources.

Densify's Software License Control capability reduces processor or core-based software licensing requirements by an average of 55%. Software License Control analytics optimize VM placements considering a target software license type in order to reduce the number of physical hosts that need to be licensed for that target software package by:

1. Reducing the number of processors/hosts requiring licenses. Densify determines optimized VM placements to both maximize the density of licensed components on physical hosts and isolate these licensed VMs from those not requiring the licenses.

2. Containing the licensed VMs on the licensed physical servers. Densify's analytics restrict placements of licensed VMs to the designated physical servers over time in order to ensure licensing compliance and continued efficiency. Densify can also automatically leverage its policies to program VMware® DRS rules to ensure ongoing compliance.

Software License Control for Windows® Data Center Licensing

Windows VMs   **Linux VMs**

Typical placement results in license sprawl

Optimized placements can reduce licensing requirements by an average of 55%

Average Software License Costs

55%

All of this translates into savings that can be realized through lower expenditures for renewals, deferral of new software license purchases, and reduced yearly maintenance. These savings can easily be in the millions of dollars, particularly on expensive operating system, database and middleware platforms.

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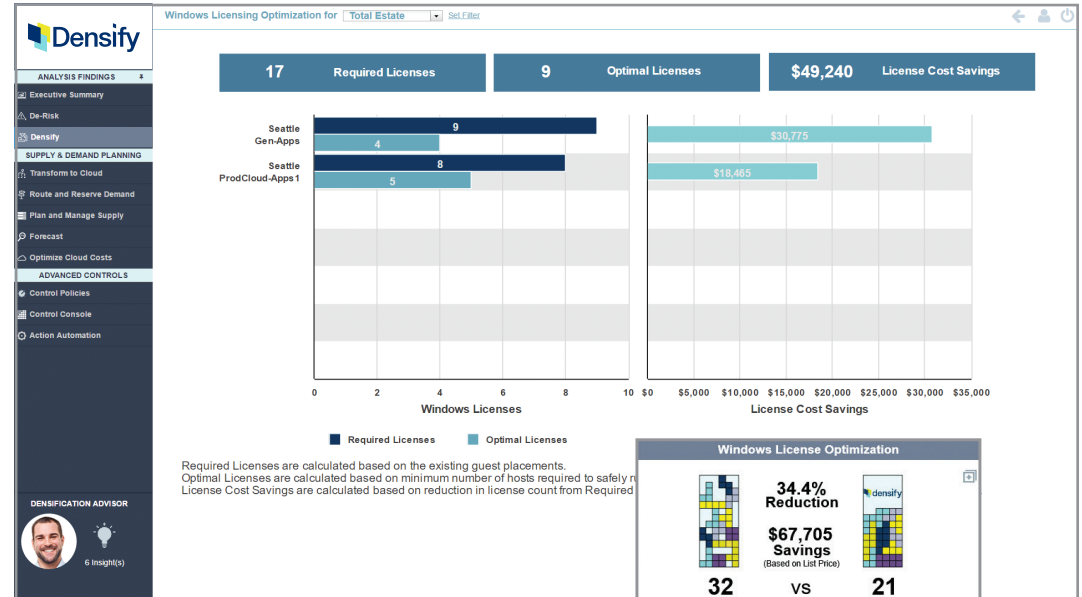## Keep Control As New Workloads Enter Optimized Environments

Critical to keeping control over time is ensuring that as new VMs enter the environment that require the license, they land on licensed servers and VMs are fit together across the licensed hosts in order to maximize efficiency. Most organizations make these decisions manually today, but with each workload, especially in enterprise environments, the decision of where to place a VM optimally for density and considerations like technical fit and license requirements is too complex to make using a spreadsheet.

Densify optimizes placements for both existing workloads and any new workloads that enter an environment. Densify also provides visibility into requirements to grow or modify license pools based on upcoming demand.

The Reservation Console accurately and models demand through its reservations for new workloads which enables accurate resource forecasting for a precise view of short term (within the year) requirements for licensing.

Fix the Problem Before Renewals Are Due

Don't wait to address licensing until renewal time or when you run out. Optimizing environments even mid-contract helps manage growth to avoid expansion and when it comes time to renew, you have an accurate handle on what you require now, in the future to save on maintenance.

The Reservation Console routes workloads to the right environment and reserves capacity for the demand pipeline. Workload requirements should be matched to the capabilities of potential host environments.

Automated Software License Detection

• Available for Windows Datacenter edition
• Other packages identified through CMDB integration or tagging

Requirements

• VMware
• Targeted Software License Package must be licensed by core or processor

Some of the packages Densify.com has been leveraged to optimize include:

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www.densify.com/try