Enterprise Technology Management: Automating IT Asset Management

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TRENT SEED IS CO-FOUNDER
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OOMNITZA. HE STARTED PRO-
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COLLEGE AFTER HIS FIRST
YEAR TO PURSUE OOMNITZA.
THE COMPANY'S CUSTOMERS
TODAY INCLUDE THE LARGEST
TECHNOLOGY COMPANIES
AS WELL AS MULTIPLE
PRE-IPO BUSINESSES.

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Automation is the thread weaving through Enterprise Technology Management (ETM). We spoke with Trent Seed, chief architect of Oomnitza, to better understand how that works.

Q: How does Oomnitza's ETM solution automatically interconnect with existing asset management and security systems?
A: Part of the Oomnitza deployment process is to enable direct integrations into your environment. We do this through configuration choices rather than via coding. By establishing these integrations, we're connecting your disparate IT silos: IT asset management, software asset management, master data management, SaaS/cloud, as well as security endpoints. On a per-system basis, you can define and tailor the field mappings to ensure the appropriate information is extracted so that Oomnitza can support your reporting requirements and business processes.

We can consolidate this data across your IT silos into a unified record via a unique

ously collect, normalize, and validate data. We're also able to define workflows and save reports as well as dashboards, enabling you to proactively monitor the state of your IT portfolio—including adherence to security and compliance policies—as well as surface any anomalies.

Q: Can you give an example of how Oomnitza can support a workflow that spans different asset management systems?
A: Let's consider a typical logistics process with a new device order. That device is automatically created in Oomnitza through our REST API. When it's created, we know the model, the tracking code, and some other information. Our workflow extracts the tracking number and reaches out to the freight carrier through an API to retrieve shipment and status details.

> "Throughout the enrollment process, all of the default applications, security policies, and controls configured in those respective systems will be applied and enforced on that device."

identifier. This could be a serial number, IP or MAC address, host name, or some other identifier. On an ongoing basis, the integration framework will continue to synchronize new devices and detect changes to existing devices, effectively consolidating all of your technology assets and providing a holistic view into your entire IT portfolio.

Q: How automated is the collection, normalization, and validation of the data that Oomnitza collects from the underlying system?
A: Once we've established all the integrations and configured all of the field mappings, the process is completely automated. We continu-

As soon as delivery is confirmed, our solution would connect with the appropriate ERP solution, register that device in the fixed-asset management module, and complete an over-the-air provisioning. Next, if it's a Windows device, the ETM solution might connect with Tanium for automatic enrollment, or Jamf if it's a Mac. Throughout the enrollment process, all of the default applications, security policies, and controls configured in those respective systems will be applied and enforced on that device.

Once enrollment is complete, our solution can send an email or a Slack notification to the end user to let them know their new device is ready for use.