Boomi

Linda Holm Honnér

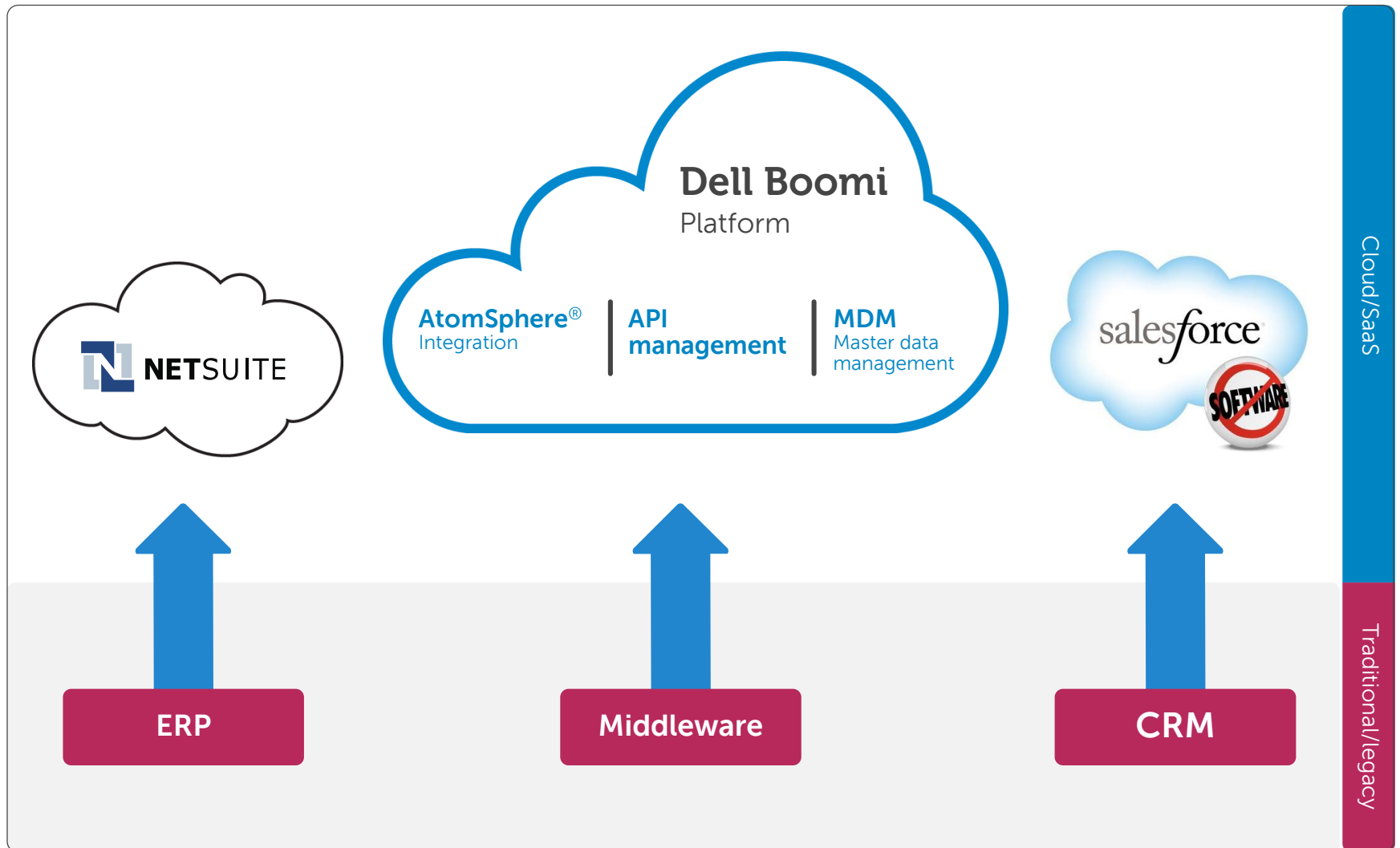*Senior Systems Consultant*

Application & Database Management

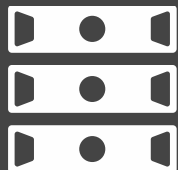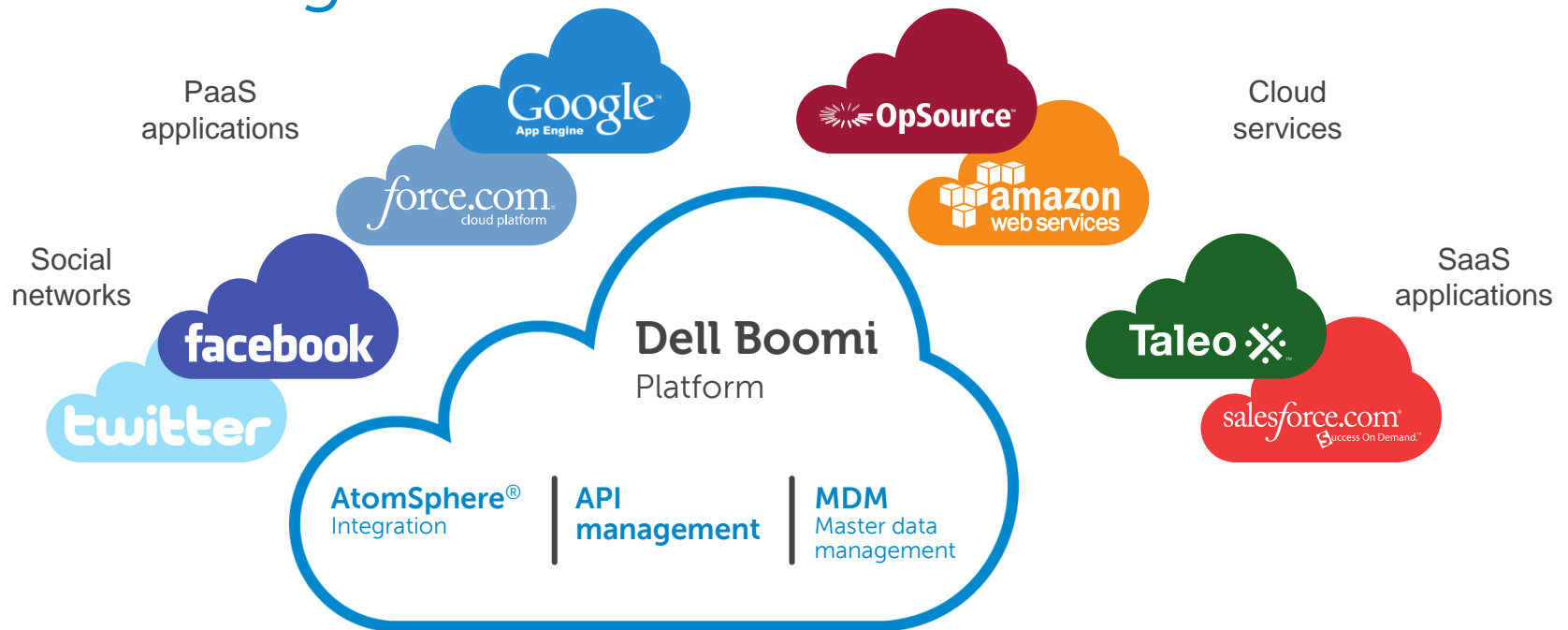*Linda.Holm@software.dell.com*

Boomi is an integration platform as a service (iPaaS)…

Dell Boomi
Platform

AtomSphere® Integration | **API management** | **MDM** Master data management

NETSUITE

salesforce

Cloud/SaaS

Traditional/legacy

ERP

Middleware

CRM

...providing cloud and on-premises data management...

PaaS applications

Google App Engine

force.com cloud platform

OpSource

amazon web services

Cloud services

Social networks

facebook

twitter

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Platform

AtomSphere® Integration | **API management** | **MDM** Master data management

Taleo

salesforce.com Success On Demand

SaaS applications

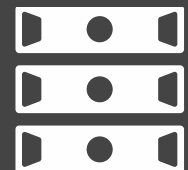Microsoft Dynamics

ORACLE
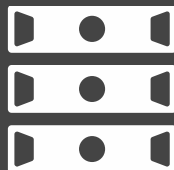
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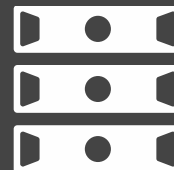
ADP

On-premises applications

...with cloud platform benefits

No hardware/software to install or maintain

Automatic upgrades

Usage-based pricing

One platform for companies of all sizes

Fully functional trial with on-demand access

Multi-tenant architecture

Enterprise scalability and elasticity

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Dell Boomi a Leader in Gartner Magic Quadrant for Enterprise Integration Platform as a Service
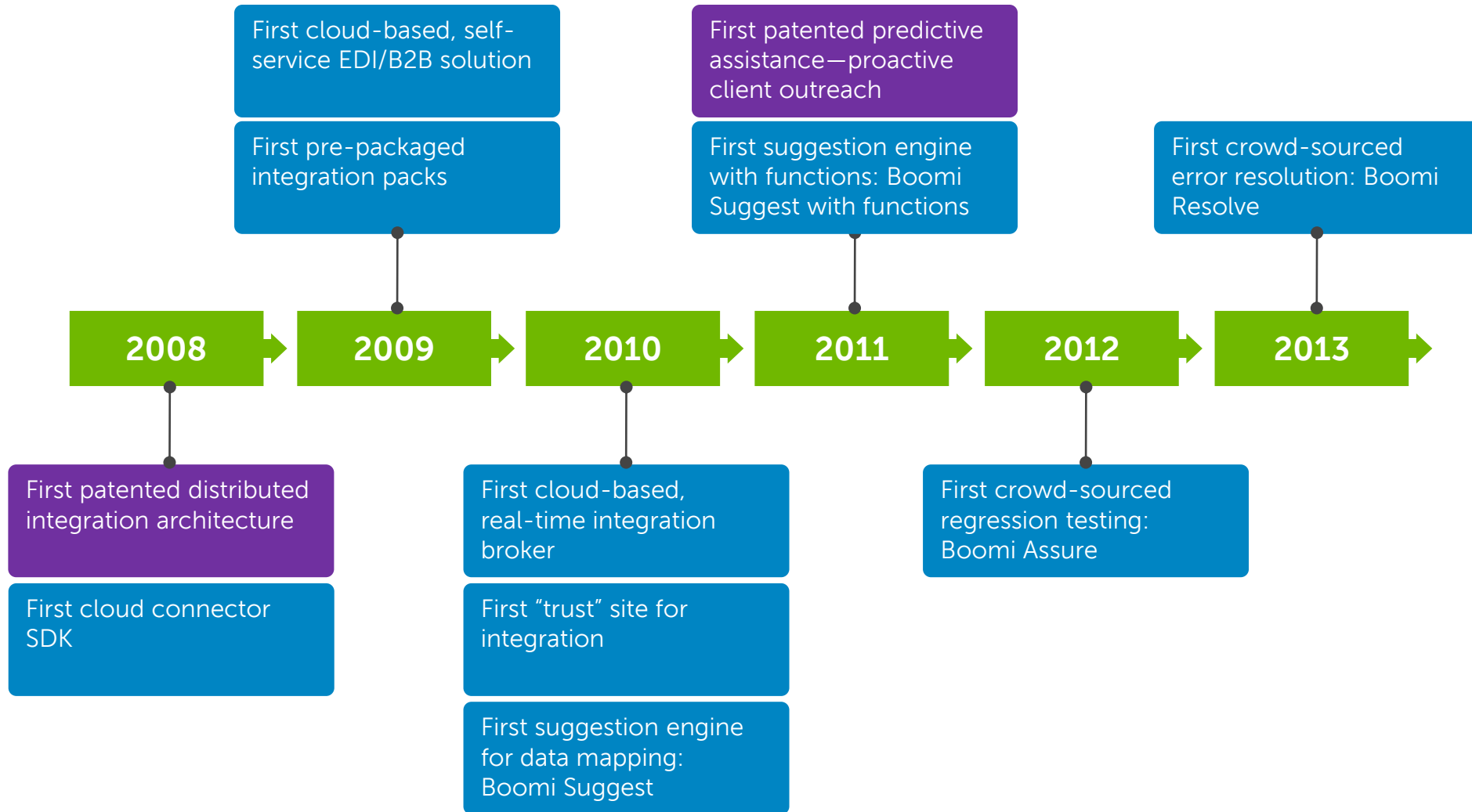

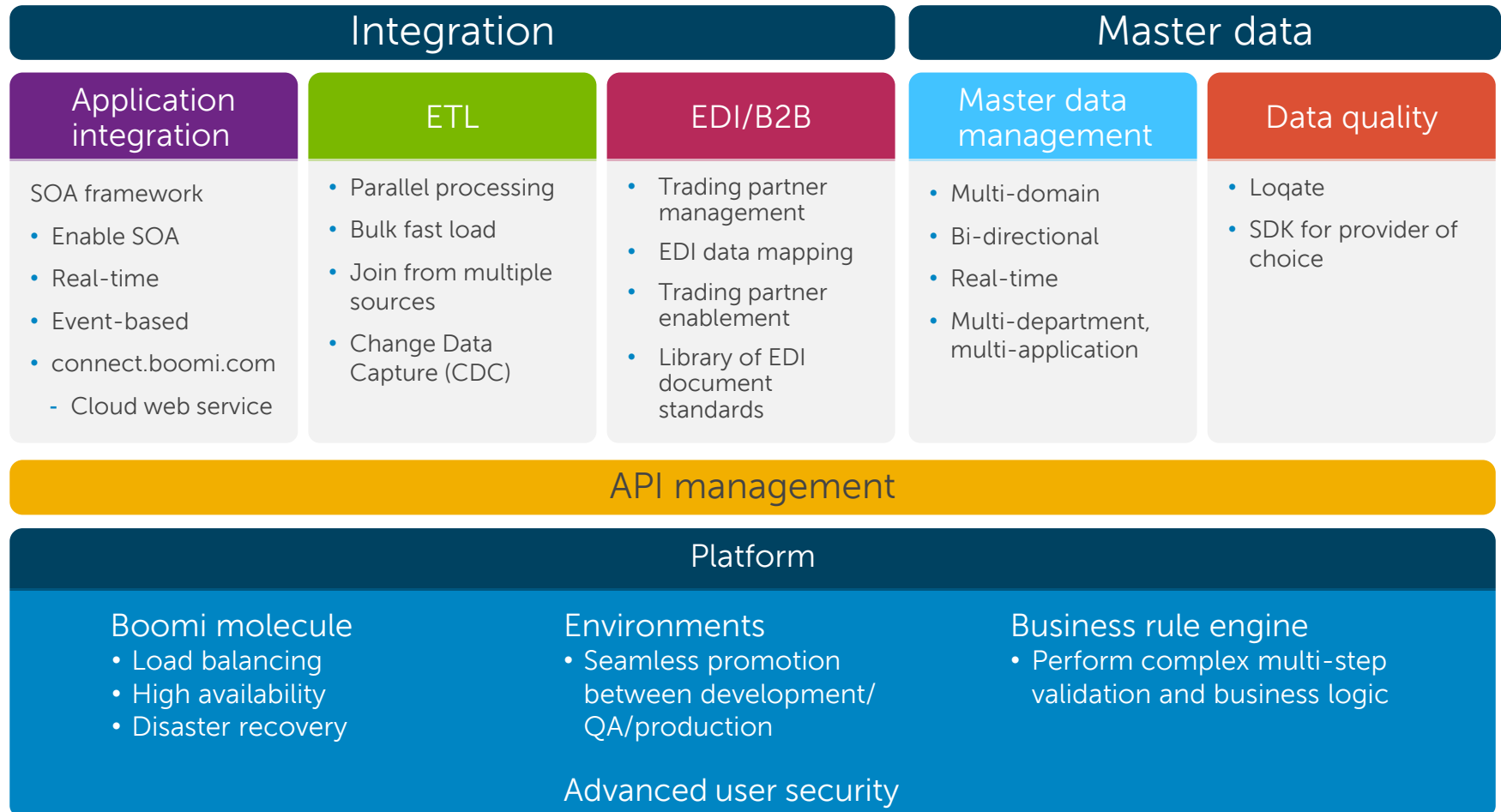*Source: Gartner Magic Quadrant for Enterprise Integration Platform as a Service, January 2014*

This graphic was published by Gartner, Inc. as part of a larger research document and should be evaluated in the context of the entire document. The Gartner document is available upon request from Dell Boomi.

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Market visionaries / innovators

First cloud-based, self-service EDI/B2B solution

First pre-packaged integration packs

First patented predictive assistance—proactive client outreach

First suggestion engine with functions: Boomi Suggest with functions

First crowd-sourced error resolution: Boomi Resolve

2008 | **2009** | **2010** | **2011** | **2012** | **2013**

First patented distributed integration architecture

First cloud connector SDK

First cloud-based, real-time integration broker

First "trust" site for integration

First suggestion engine for data mapping: Boomi Suggest

First crowd-sourced regression testing: Boomi Assure

All integration use cases solved on an integrated enterprise-grade platform (economies-of-skill)

Integration

Application integration

SOA framework

- Enable SOA
- Real-time
- Event-based
- connect.boomi.com
  - Cloud web service

ETL

- Parallel processing
- Bulk fast load
- Join from multiple sources
- Change Data Capture (CDC)

EDI/B2B

- Trading partner management
- EDI data mapping
- Trading partner enablement
- Library of EDI document standards

Master data

Master data management

- Multi-domain
- Bi-directional
- Real-time
- Multi-department, multi-application

Data quality

- Loqate
- SDK for provider of choice

API management

Platform

Boomi molecule
- Load balancing
- High availability
- Disaster recovery

Environments
- Seamless promotion between development/ QA/production

Business rule engine
- Perform complex multi-step validation and business logic

Advanced user security

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How it works

1 Build

Using the AtomSphere library of connectors and maps, visually design your integration processes and load them into a lightweight, dynamic run-time engine called an "Atom" for execution

2 Deploy

Deploy your Atoms to the AtomSphere for SaaS, PaaS, or cloud integration or safely behind your firewall for on-premise applications

3 Manage

Monitor and maintain the status of all your deployed Atoms, integration processes and trading partners, regardless of location, using a feature-rich web-based dashboard
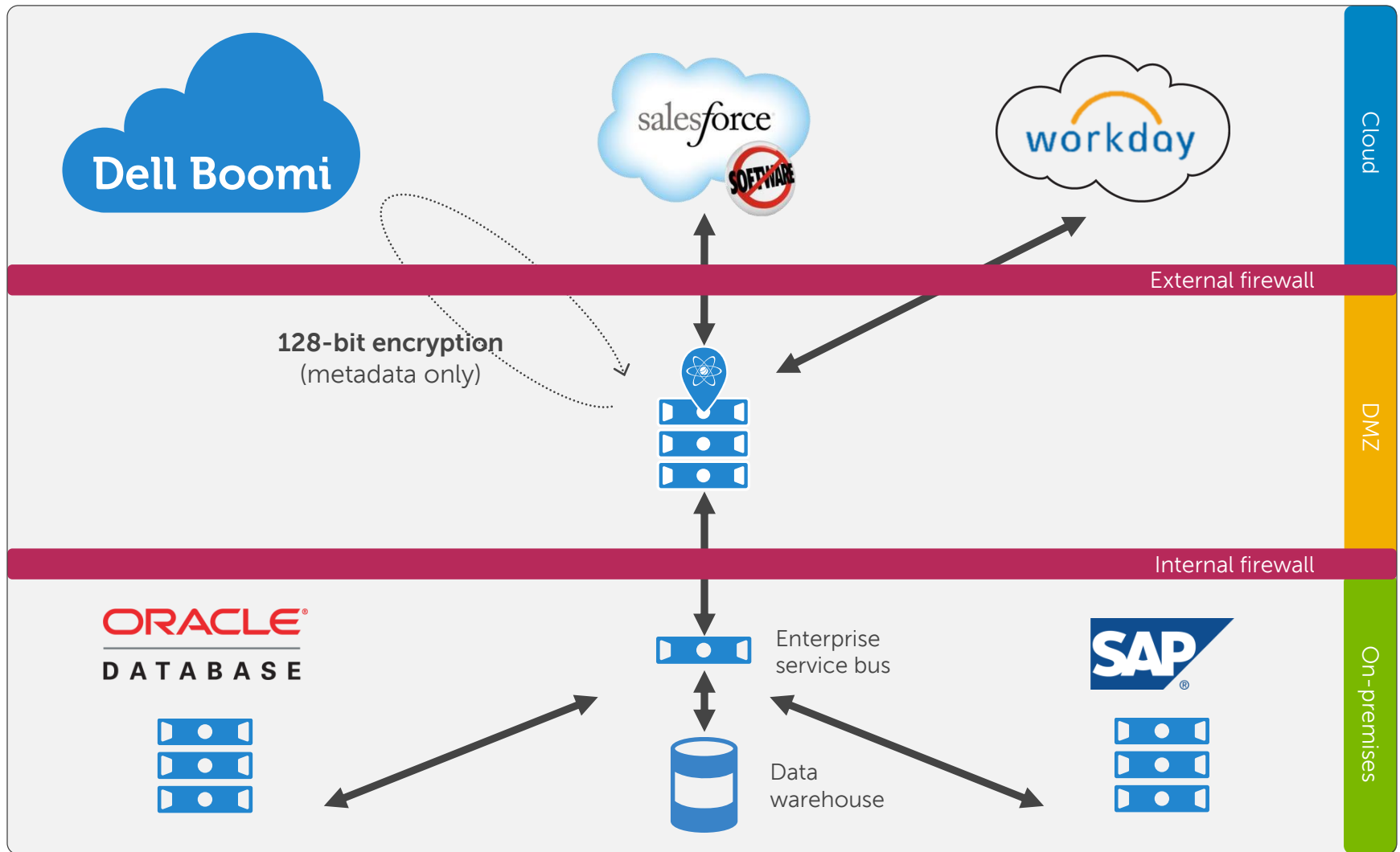
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Ease of use

The Boomi Atom

- Lightweight, distributed run-time engine

- Behind the firewall deployment for on-premises or in the cloud for SaaS

- Handle any combination of SaaS-to-SaaS or SaaS-to-on-premises integration from one platform

- Enterprise grade security

- Clustering capability (Molecule)

- Patented technology
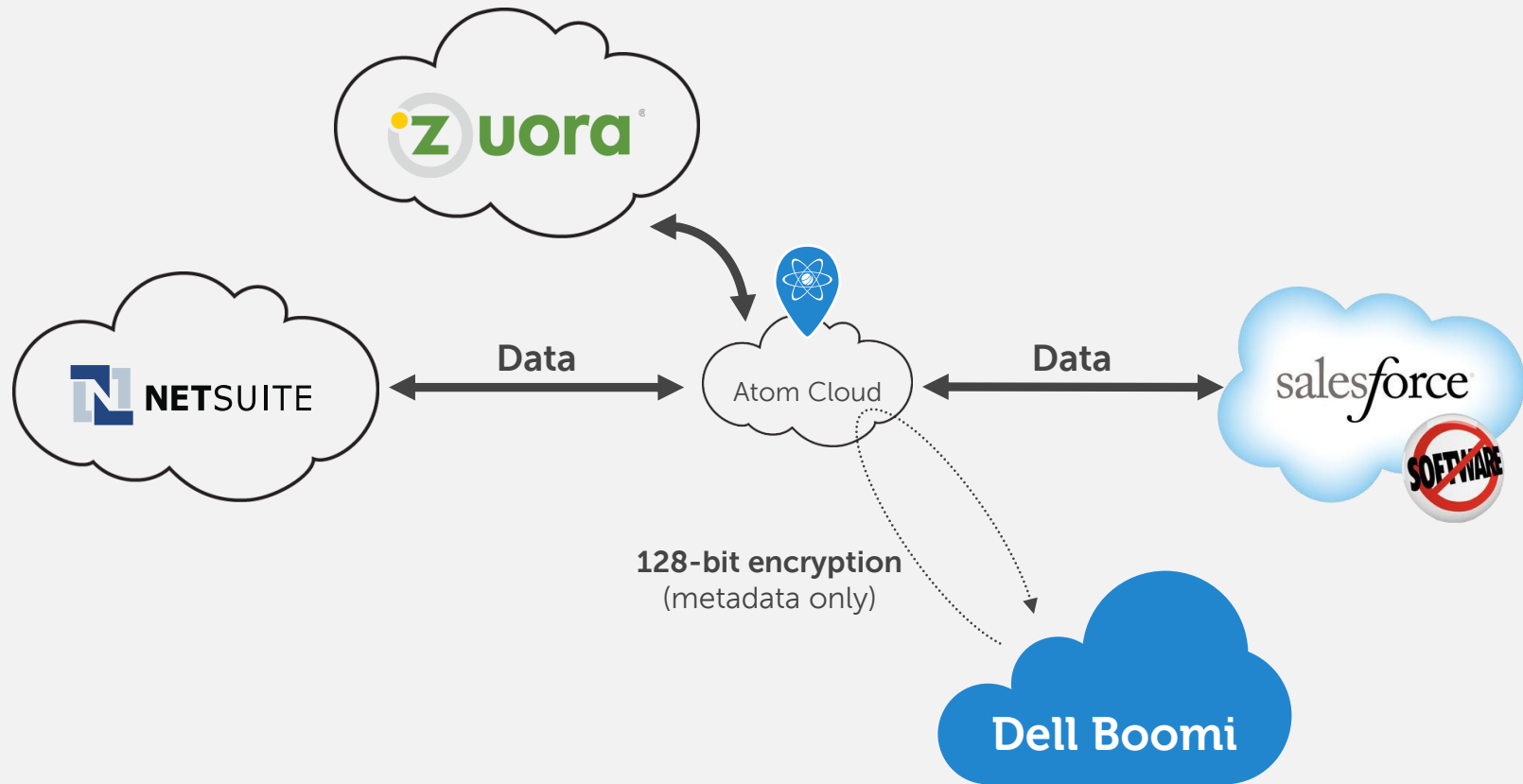
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Cloud-to-on premises integration

Cloud applications

On-premises

External firewall

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salesforce

NO SOFTWARE

128-bit encryption
(metadata only)

Data

ORACLE
DATABASE

Data

Data

SAP

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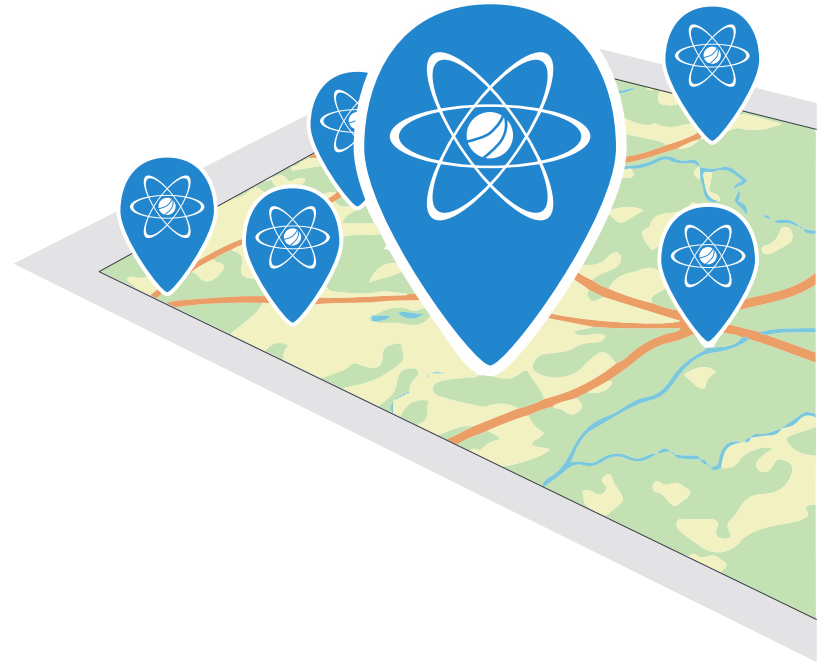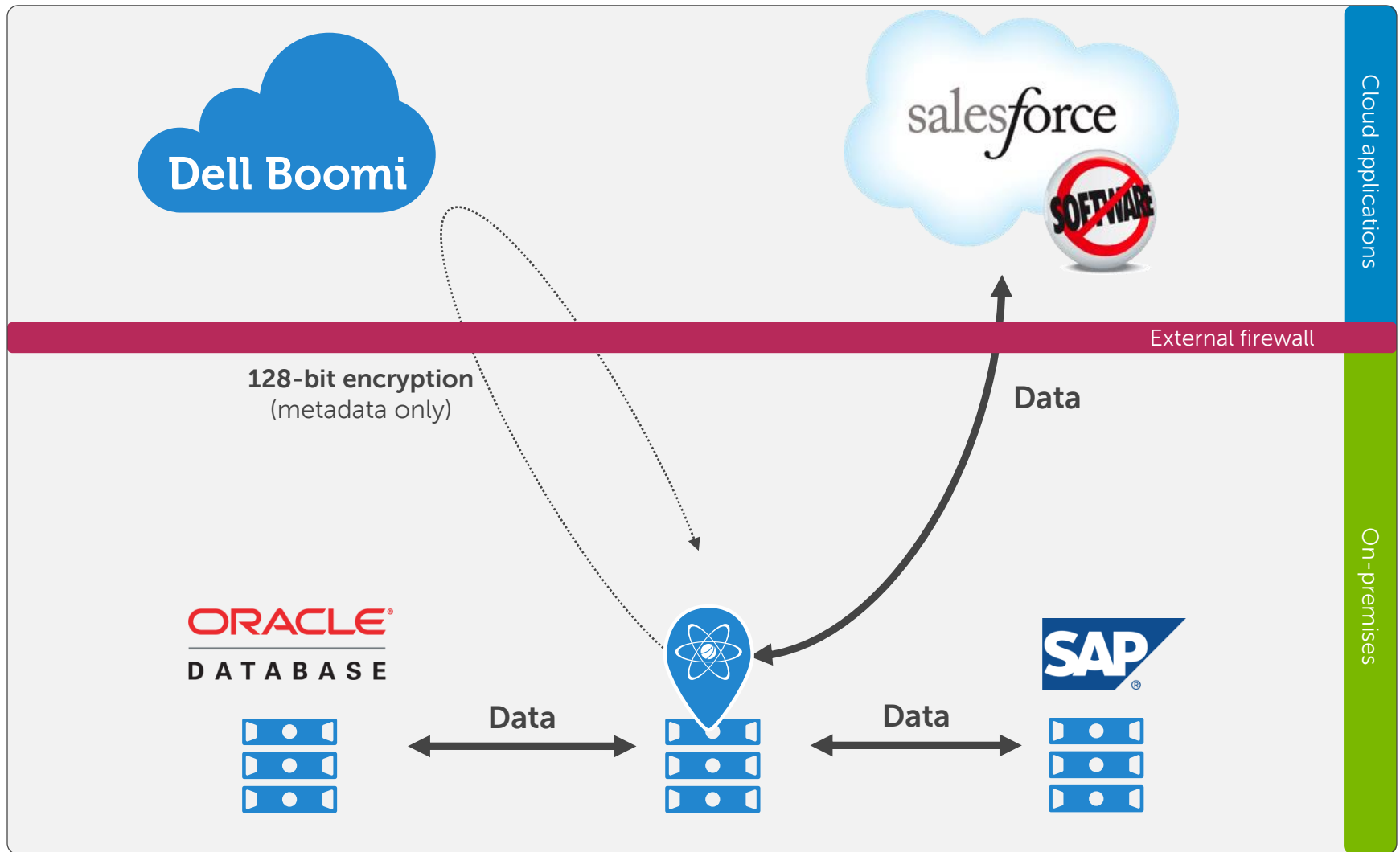
ESB augmentation

Cloud-to-cloud integration

Data

Data

Atom Cloud

128-bit encryption
(metadata only)

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Cloud applications

Distributed architecture with centralized management and monitoring

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| Patented Atom technology | Centralized control | Distributed execution | Instant load scalability | No single point of failure |

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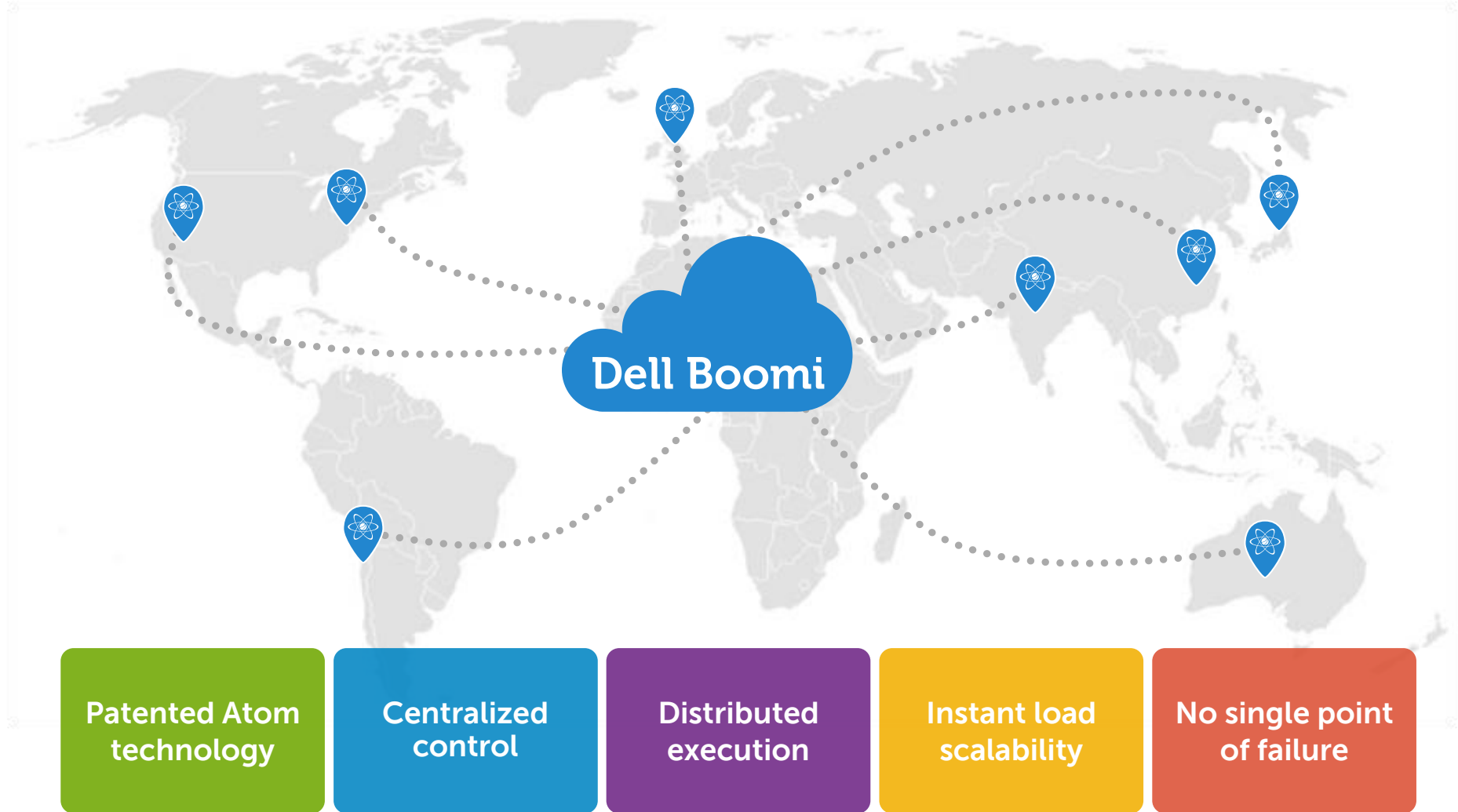
Leveraging multi-tenancy to crowd-source dramatic productivity gains

Boomi Suggest**
- Crowd-sourced data mapping
  - Single-click suggestion of data mappings
  - Draws on over 7 million maps
  - >85% of suggestions accepted

Boomi Assure**
- Crowd-sourced regressions testing
  - Single click submission of processes and test data
  - Regressions run against every future release

Boomi Resolve**
- Crowd-sourced resolutions for errors
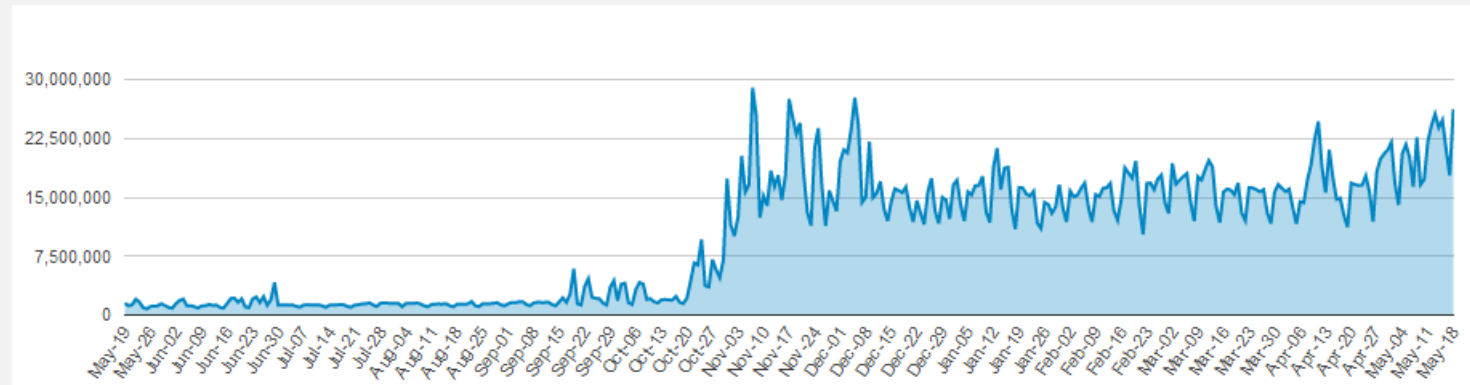 - Automatically suggested resolutions for commonly occurring errors
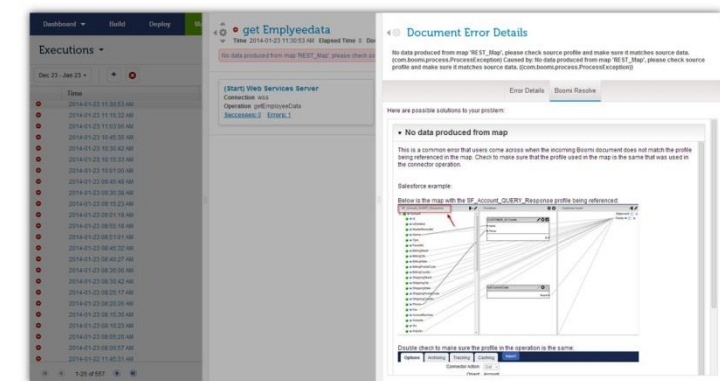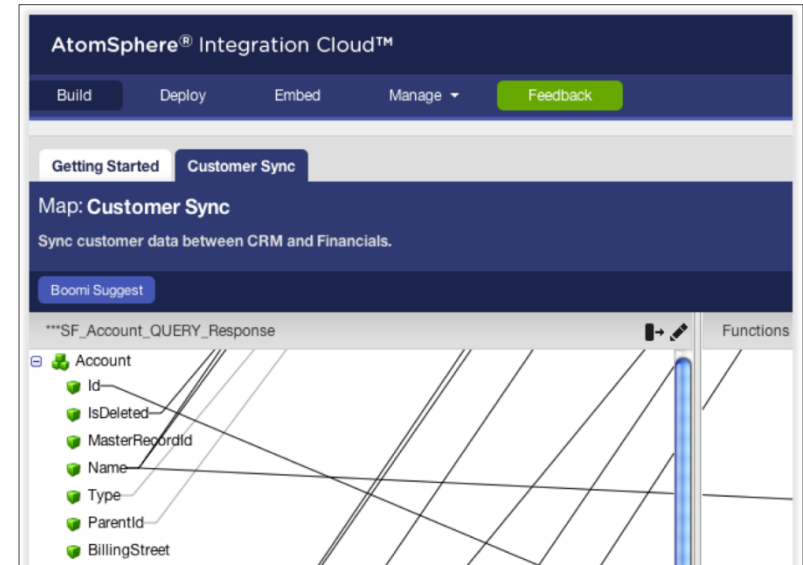
Data analytics and trust

Dell Boomi System Health Dashboard

Integration Processes

This chart shows the integration processes that ran over the last year.

Integrations Processed	Atoms Deployed	Mappings Indexed	Functions Indexed
Total integrations that have been processed in the last 30 days.	Total Atoms deployed in the Cloud and on-premise.	Total number of mappings indexed by Boomi Suggest.	Total number of functions indexed by Boomi Suggest.
576,524,280 Processes	7,269 Atoms	9,756,217 Mappings	50,899 Functions

EDI capabilities

- X12 EDI format support

- Full acknowledgement handling

- Trading partner management

- Trading partner enablement

- EDI data mapping

- Industry standard connectivity options
  - Certified AS2
  - FTP and FTP/S
  - HTTP and HTTP/S
  - Web services, SOAP/HTTP
  - X12, EDIFACT
  - HL7 2.x

Boomi

SLA and downtime

- From a platform (UI) perspective, the maintenance window is the first Wednesday of every month from 12-4 AM ET. (Although we do not typically approach this full window) From an Atom perspective, we provide Release Control (http://help.boomi.com/atomsphere/GUID-E85B93E2-9E21-4D4C-89CF-F1E92784445E.html) 2 weeks prior to each release so that customers can apply updates to their local Atoms on their own schedule. The update of Atoms typically takes less than 10 minutes. Our detailed SLA can be found here: http://www.boomi.com/sla

- If a customer is using the on-premise model and want to have a highly available, load balanced solution, they should consider using a Molecule. In some cases they may need to share your Molecule across multiple customer accounts. If this is the case they should consider setting up their own Atom Cloud. More details can be found here: http://help.boomi.com/atomsphere/GUID-51F4C82C-974A-464D-AE6B-BBE264839AFE.html

- Atoms have no downtime

Stretch   DELL Boomi

Community

Open Platform — free connector SDK	**Community supported connectors** 100+ application connectors in development	**Boomi Suggest — access collective intelligence** 3 million+ mappings indexed 20,000+ functions indexed
Large integration partner ecosystem	**Customer feedback drives development** To date, 25% of all enhancement requests are now in the product	

DELL Boomi

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Thank you

Demos: http://www.boomi.com/resources/demos

Training: http://training.boomi.com

Case studies: http://help.boomi.com