Optimize Data Integration and Replication at Scale

To manage rising data volumes and business analytics requirements, you need to rapidly integrate data at scale across heterogeneous environments. Managing and monitoring data ingestion and replication across many end points, however, can overwhelm IT with complexity. Administrators and architects have struggled to execute and track high-scale replication processes to ensure operations run smoothly.

Attunity Enterprise Manager (AEM) simplifies the process. With AEM you gain a centralized platform and intuitive graphical interface to manage replication efficiently. You can design, execute, monitor and analyze Attunity Replicate tasks across large and growing environments. You can efficiently manage high-scale Data Lake consolidation across dozens of Attunity Replicate servers and hundreds of end points to meet and exceed business SLAs. You can also simplify enterprise-wide management tasks by integrating with larger IT systems, and improve security and compliance.

**Your Command Center for Large Scale Data Integration**

**Benefits**
- Increased IT productivity
- Data replication and management scalability
- Improved SLA performance
- Easier compliance

**Enterprise Use Cases**
- Management and monitoring of high scale Data Lake pipelines
- Enterprise-wide metadata integration and management
- Central replication management for distributed data centers

**Key Capabilities**
- Centralized design, execution and monitoring of replication tasks
- Consolidated, configurable views of data flows and metadata
- Integration with third-party solutions and open source frameworks
- Customizable KPI dashboards
- Real-time event notification
Attunity Enterprise Manager: 
Your Command Center 
for Attunity Replicate

Central monitoring and control
AEM is intuitive and logical. 
You can control tasks and 
data flow while monitoring 
thousands of Attunity 
Replicate tasks in real-time through KPIs 
and alerts. You can monitor distributed 
Replicate servers across multiple data 
centers and control data flow between 
all your environments, on premises and 
in the cloud. 
Customizable dashboard views allow 
you to define how search results are 
presented. Because you can group 
tasks by server, source/target, specific 
application, or even physical location, 
you can incorporate the enterprise 
business logic required by regulatory 
mandates. Granular searching and 
filtering capabilities offer actionable 
insight into data loading and task 
status. By drilling down from the main 
dashboard, you can view current task 
status to identify and remediate issues, 
thereby meeting performance SLAs.

Metadata Management and 
Integration
AEM provides automated 
metadata management 
capabilities to help 
enterprise users better 
understand, access and trust their 
data. Our unified metadata repository 
provides consolidated views of technical 
metadata (such as table/column 
names and data types) from sources, 
targets, and Attunity data movement 
and transformation processes taken 
on those entities. With these views 
you can track end-to-end data lineage 
and perform impact analysis to gain 
new confidence in the impact of 
data integration actions on analytics 
initiatives. 
These benefits extend to third-party 
reporting tools for enterprise-wide 
discovery and reporting. Attunity 
has taken a leading role in industry 
initiatives such as ODPi to simplify 
and standardize Big Data ecosystems 
with common reference specifications. 
This includes certified AEM support 
for the Apache Atlas data governance 
and metadata services framework for 
Hadoop, as well as the Atlas-based 
Hortonworks DataPlane Service for 
heterogeneous data management, 
security and governance.

AEM APIs
Larger enterprises 
accustomed to using 
centralized management 
and monitoring systems 
can still manage their complex, multi-
technology IT environments from 
third-party central dashboards. Using 
AEM APIs programmable REST and .NET 
interfaces, systems can execute the 
same calls that they would if they were 
using the AEM user interface.

AEM Analytics
AEM helps users manage 
operations by visualizing 
data flow performance 
and resource utilization trends over 
configurable time periods. You can 
track historical KPI and activity trends 
for tasks and servers and pinpoint 
performance issues and bottlenecks, 
ensuring replication SLAs are met. You 
can also regularly measure tasks and 
system utilization to augment capacity 
planning and load-balancing decisions.

Security and Compliance
AEM augments data access 
governance policies by logging 
every change to Attunity 
Replicate tasks and operations (stop, 
start, reload, etc.) to provide complete 
audit trails. In addition, role-based 
access controls create policies that 
define which users can access specific 
servers and tasks, and which users can 
monitor specific tasks and end-points.