Connect Everything with Auto Generated APIs.

An enterprise-grade API platform available in your cloud or on-premise. Automatically generate database APIs instantly to build applications faster.
Customer Adoption

The most popular customer verticals for the DreamFactory platform include:

Manufacturing, Government, Healthcare, Financial, Technology
## Who It Helps

<table>
<thead>
<tr>
<th>Front-end Developers</th>
<th>Back-end / API Developers</th>
<th>Enterprise Architects</th>
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<tbody>
<tr>
<td><strong>Focus</strong></td>
<td>Automatically generate and document secure, reliable, and reusable REST APIs</td>
<td>Govern security with your own data access platform running in the cloud or on premises</td>
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<td>in front-end development rather than working on (or waiting on) server-side software</td>
<td>Customize auto-generated APIs with pre- and post-processing scripting logic</td>
<td>Accelerate innovation with secure, scalable, reusable REST APIs to enterprise data sources</td>
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<td><strong>Access</strong></td>
<td>Connect to new data sources in minutes with just a few clicks</td>
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<td>multiple data sources with RESTful ease and automatic security</td>
<td>Faster, less costly projects with instant, robust REST APIs</td>
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<td>Easily move applications between clouds or between your cloud and data center</td>
<td>Integrated with existing security controls like OAuth, LDAP, and Active Directory so you don’t have to re-implement and test for each API</td>
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<td>Enable a standard, unified API abstraction layer for modern apps that need to connect to legacy data sources that can’t be readily changed</td>
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<td>Improve application reliability and security enterprise-wide with managed REST services</td>
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</table>
**Client: Global Computer Hardware Manufacturer**

**Enterprise Problem:** The global onboarding team required an efficient customer data ingestion solution.

**DreamFactory Resolution:**
- DreamFactory’s flexible scripting environment allowed their team to quickly build more than 600 highly customized APIs.
- DreamFactory is capable of horizontally and vertically scaling to suit any volume.
Client: Global Management Consulting Firm

Enterprise Problem: Team required an efficient backend solution for creating reporting tools and executive dashboards.

DreamFactory Resolution:

- DreamFactory ensures data is accessed in a rigorously secured, monitored, and compliant fashion.
- DreamFactory doesn’t require an “all or nothing” approach. It can be eased into an environment to tackle a specific project.
**Client:** North American Technology Distributor

**Enterprise Problem:** Application development team sought out a more streamlined approach to API generation.

**DreamFactory Resolution:**

- DreamFactory can plug into a wide variety of third-party data sources and services such as WMS, CRM, and data warehouses.
- DreamFactory often sits alongside large ESBs, and often forwards data to ESBs for subsequent ETL processing.
Client: Big 4 Consultancy

Enterprise Problem: Efficient ERP integration

DreamFactory Resolution:

- DreamFactory’s robust database API support ensures rapid extension turnaround.

“For tools that don’t offer an API and where the database is the main point of integration, use DreamFactory. We are also a Mulesoft customer, but the overhead of exposing a stored procedure or table in that system is too much. If not doing a large ETL we’re not going to bother with Mulesoft. We will build the API in DreamFactory and then expose that API to Mulesoft.”

- Enterprise Architect
**Scaling DreamFactory**

This diagram depicts a typical DreamFactory configuration involving both load balancers and high availability.
DreamFactory REST Enables:

**SQL**
- Oracle
- IBM DB2, Informix
- MySQL, SQLite
- MariaDB
- PostgreSQL
- SQL Server
- SAP SQL Anywhere
- Amazon Redshift
- Firebird SQL
- SAP Hana
- MemSQL

**Universal Connectors**
- HTTP Connector
- SOAP Connector

**Push & Pub Sub**
- Apple APNs
- Google GCM
- Amazon SES, SNS
- MQTT, AMQP,
- RabbitMQ

**NoSQL**
- MongoDB
- CouchDB
- Couchbase
- Cassandra
- Salesforce
- Amazon DynamoDB
- Azure Cosmos
- Azure Tables

**Email**
- Mailgun
- SMTP
- Mandrill

**Logging & Reporting**
- Elastic
- Logstash
- Kibana

**Version Control**
- GitHub,
- GitLab
- BitBucket

**Auth**
- RBAC, SSO
- JWT, CORS
- OAuth, OpenID, SAML
- AD/LDAP/Windows

**Scripting**
- Node.js
- PHP, Python

**Cache**
- Redis
- Memcached

**Storage**
- OpenStack Objects
- Rackspace Files
- Amazon S3
- Azure File Storage
- GridFS
- FTP, WebDav

dreamfactory.com
Restrict data/resource consumption
Scope limit according to service, user, endpoint, and even method
Define limit periods in minutes, hours, or days.
HTTP status code compliant (429)

Lock down API access using point-and-click UI
Create read-only APIs
Restrict access according to endpoint and method

Unique API keys
Basic authentication
LDAP, Active Directory
SAML-based SSO
Map AD/LDAP groups to roles

ELK stack integration
Real-time traffic dashboards using Kibana or Grafana
Define exacting logging specifications.
The DreamFactory platform prevents data loss, inhibits IP theft, and maintains confidentiality of sensitive information.

**Rigorous Authorization**
- Public DreamFactory APIs simply do not exist.
- Precise, point-and-click role-based access controls (RBACs)
- Support for many authentication service providers including AD, LDAP, OpenID Connect, OAuth, Okta, and more.
- Can automatically map groups to roles and define default roles, alleviating administrative overhead.

**IP Theft Prevention**
- Sophisticated API request volume limiting controls impede data exfiltration.
- All API workflow metadata can be logged, including IP addresses, API keys, request parameters, etc.
- The restricted administration features can limit non-root administrator access to specific functionality.

**Information Confidentiality**
- DreamFactory manages API data in a fashion that adheres to security and compliance regulations associated with a particular company or jurisdiction. Ensures GDPR compliance.
Talk to us today to access your free trial or receive a full Enterprise demonstration

Free Trial

Talk To Us