APISpark
by Restlet

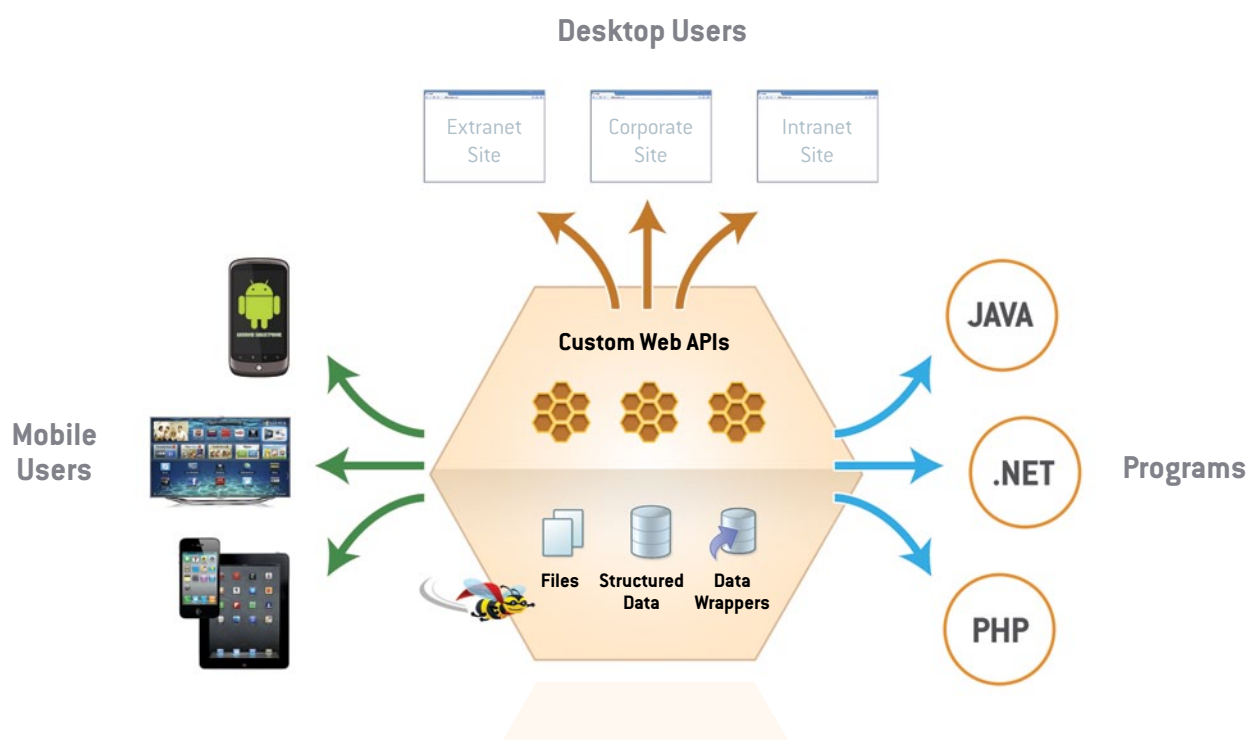## The all-in-one platform for Web APIs !

APISpark is the first all-in-one cloud platform (PaaS) supporting the creation, hosting and management of web APIs and their related data (whether hosted on APISpark or exposed through our rich set of wrappers).

APISpark is ideal for Connected Device Manufacturers, Mobile Apps Vendors, SaaS Vendors or E-Merchants with cross-channel or multi-device strategies.

APISpark is based on the open source Restlet Framework created in 2005 and downloaded more than 1 million times, with references such as Google, LinkedIn or NASA.

APISpark is free to get started and lets you move to higher monthly plans when your API traffic increases significantly or when you need to use advanced features.

Deploy your web APIs in a flash!

Desktop Users

Extranet Site

Corporate Site

Intranet Site

Custom Web APIs

Mobile Users

Files   Structured Data   Data Wrappers

JAVA

.NET   **Programs**

PHP

APISpark Use Cases

Connected Devices

Bring life into your devices thanks to APISpark:
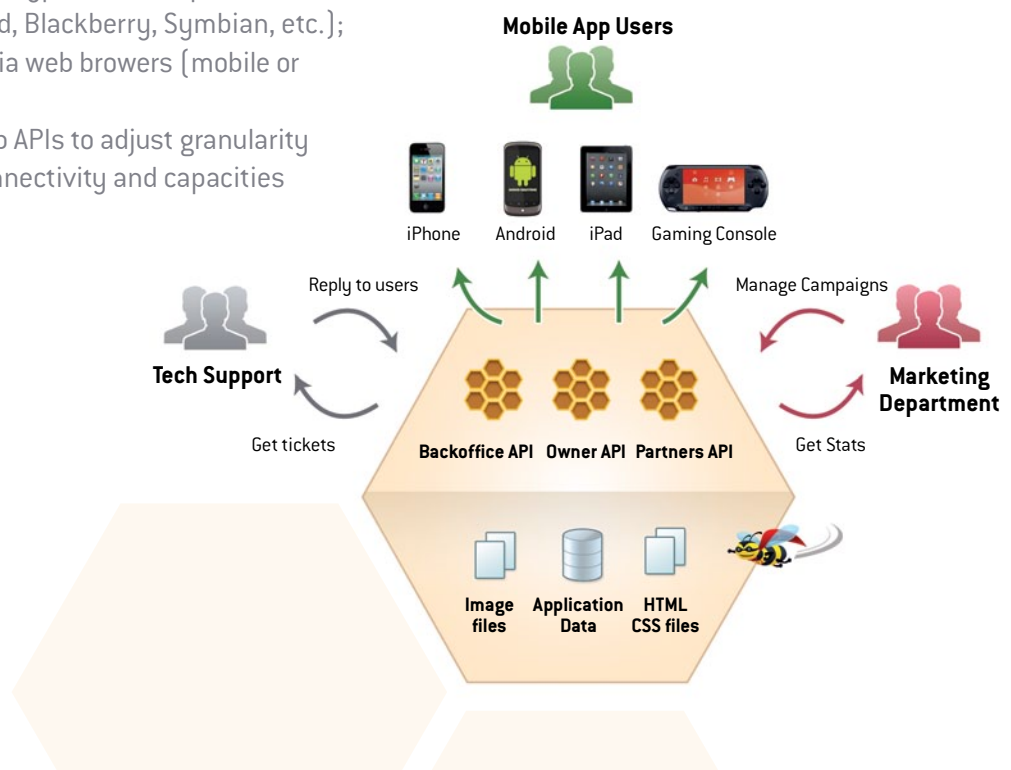
. store customer data for their activated devices;
. give multi-channel access to device data;
. centralize device ROM update management;
. manage the user community with marketing programs;
. give controlled access to qualified partners.

Device Owners

Track weight   Mesure weight   Manage device

Smartphone   Connected   Desktop
Apps   Body Scale   Browser

Marketing
Campaigns

Notify users

**Backoffice
Team**

Partners

Support
Tickets

Get user
weight history

**Backoffice
API**   **Application
API**   **Partners
API**

**ROM
files**   **Device
Data**   **HTML
CSS files**
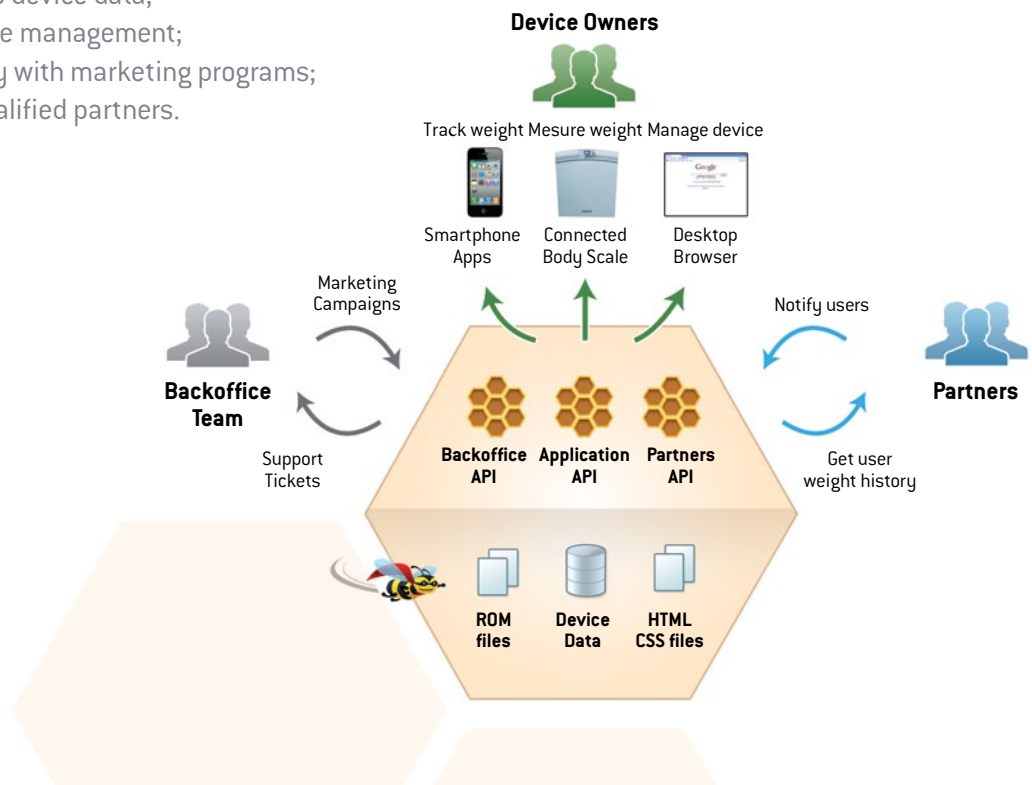
Mobile Apps

A flexible and mobile robust back-end with APISpark:

. store user and app general data;
. support access from multiple types of smartphones and
  tablets (Android, iPhone, iPad, Blackberry, Symbian, etc.);
. provide alternative access via web browers (mobile or
  desktop);
. expose data via multiple web APIs to adjust granularity
  to device screen, level of connectivity and capacities
  (Netflix approach).

Mobile App Users

iPhone   Android   iPad   Gaming Console

Reply to users

Manage Campaigns

Tech Support

**Marketing
Department**

Get tickets

Get Stats

Backoffice API   **Owner API**   **Partners API**

**Image
files**   **Application
Data**   **HTML
CSS files**

APISpark User Interface

Web API home page for providers and users

Web API visual analytics page

APISpark Features & Advantages

Create your web API in an instant!
- Ready to use API templates
- Fast deployment
- RESTful API
- No code required
- Customizable API

Take advantage of a flexible and secure hosting
- Redundant infrastructure
- No scheduled maintenance windows
- High availability
- Store data locally or wrap external stores

Your API lifecycle simplified
- Automated management of your API versions
- Flexibility for your users to upgrade at their own pace
- Older versions can be deprecated, then removed

Your documentation always up-to-date
- Easy edition of your documentation
- Support for each version of your web API
- Multiple output formats

Several client SDKs available
- Support of most popular platforms (iOS, Android, GWT, Java, .NET, Python, PHP, etc.)

Built-in community management
- Simplified users and roles management
- Direct link to social networks (Twitter, Facebook, Google+, etc.)

Analytics and reporting
- Built-in access statistics
- Multiple visual reports available
- Per version, per API or per account consolidation

Web API Catalog
- Look up ready to use web APIs and templates
- Promote your public web APIs
- Reuse API wrappers for popular third party APIs in a unified way