



# SUITECLOUD PLATFORM – DEVELOPMENT TOOLS

Extend NetSuite with the Flexible and Customizable SuiteCloud Platform

SuiteCloud is a comprehensive offering of cloud development tools, applications and infrastructure that enables customers and software developers to maximize the benefits of cloud computing.

SuiteCloud Developer Tools are built to allow both business analysts and technical developers to interact with NetSuite. For instance, business analysts can graphically customize record types and business processes and transport data in and out of NetSuite via Excel spreadsheets. The NetSuite SuiteCloud platform offers a wide variety of APIs that developers can use to generate robust extensions, customizations and integrations. Developers can then further package and readily distribute their custom apps.

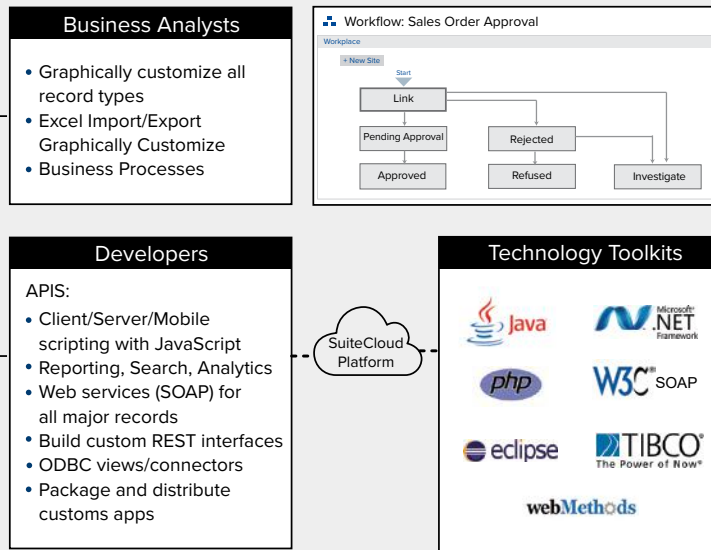
“Customizations are a key requirement for SaaS applications, and NetSuite has invested heavily to offer application configurability options as well as platform development options.”<sup>1</sup>

Alexander Drobik, Nigel Rayner

<sup>1</sup> Source: Gartner : Develop a Strategic Road Map for Postmodern ERP in 2013 and Beyond

Following is a brief description of each of these tools.

**ORACLE** + **NETSUITE**



### SuiteCloud Developer Tools: Components

Whether extending NetSuite to fit specific business needs, developing entirely new applications or integrating with existing

on-premise or cloud systems, SuiteCloud Developer Tools provide a comprehensive cloud customization and integration environment.

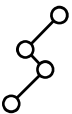
Function	SuiteCloud Tool
<b>Cloud application packaging and distribution</b>	SuiteBundler
<b>Graphical process customization</b>	SuiteFlow
<b>Programmable logic and scripting</b>	SuiteScript
<b>Cloud integration</b>	SuiteTalk
<b>Business Intelligence</b>	SuiteAnalytics
<b>Point-and-Click customization</b>	SuiteBuilder
<b>IDE and debugger</b>	SuiteCloud IDE



### SuiteBuilder: Point-and-Click Customization

SuiteBuilder makes rapidly customizing NetSuite application forms, fields and records a simple point-and-click experience. Best of all, businesses never have to worry about version lock because customizations carry over automatically with each new release.

- Rapidly represent sophisticated data relationships without complex coding.
- Change NetSuite to your company's own terminology and branding.
- Easily add custom fields such as text, date, drop-down lists, images and objects to applications by leveraging the tool's powerful field and record management capabilities.
- Tailor forms by customizing form fields, sub-tabs and field groupings to fit unique business needs.



### SuiteFlow: Workflow Engine

SuiteFlow's easy-to-use point-and-click tools give users the freedom to customize and automate business processes within NetSuite and between other business systems.

- Easily create business processes such as lead nurturing, collections management, sales discounting approvals, purchase order approvals and more.

- Schedule workflows to run automatically and define the events that trigger or initiate workflows.
- Specify the conditional actions that occur at various stages and efficiently manage each state that the record passes through in the course of the workflow.



### SuiteScript: Application Development

SuiteScript allows developers and administrators to create flexible logic within NetSuite to accommodate specific business needs, from cultivated processes to brand new applications. Built on industry-standard JavaScript, SuiteScript enables full-featured application-level scripting capabilities throughout the entire software suite.

- Complete set of flexible scripting models supports customization needs such as user event-based scripts, scheduled scripts, client-side scripts and portlet scripts.
- Scripting models support customizations as functions of workflow-based actions.
- Powerful debugging toolset allows for validation and testing of SuiteScript code.
- Debugger features controlled code execution such as step in, step out and step over, as well as execution logs, resolution of local variables, watches and break points.



### SuiteTalk: Web Services

The SuiteTalk Web Services tool features a full complement of SOAP Web Services across the suite and a framework that supports lightweight REST-based integration. This makes it easy for NetSuite to integrate with existing on-premise investments and third-party cloud applications. Developers and customers can utilize this tool to build valuable website-to-NetSuite integrations and to create lightweight custom mobile applications.

- Enables integration using Java, Microsoft .NET or any other development language that supports SOAP-based Web Services.
- RESTlet framework allows developers to define their own procedures for standard REST functions such as POST, PUT, GET and DELETE.
- Powered by a robust security model that manages service requests using standard NetSuite authentication, authorization, session management and encryption.

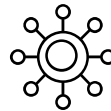


### SuiteAnalytics: Business Intelligence

SuiteAnalytics provides embedded Business Intelligence to any customizations or applications built with SuiteCloud, eliminating

the need for developers and IT to deal with the complexities of separate reporting tools, BI cubes or data warehousing.

- Intuitive graphical toolset presents important business information to end-users in clear and sensible manner.
- Self-service repository for real-time analytics improves operational efficiency.
- Users can access and leverage cross-functional information across the organization and improve decision-making processes within the organization and between constituents.



### SuiteBundler: Application Packaging and Distribution

SuiteBundler makes it easy to package up and deploy customizations and applications built on the SuiteCloud platform.

- Developers and admins can easily move customizations from a sandbox environment to a production environment.
- ISVs/SIs can easily package industry and/or domain expertise and distribute it to thousands of end customers.
- Developers can “bundle” groups of customizations, manage versioning and deploy customizations rapidly.



## NetSuite IDE and SuiteScript Debugger: Cloud Debugging Tools and Environment

SuiteCloud IDE is an Eclipse-based IDE that is packaged for NetSuite platform development. It is engineered to help build SuiteApp functionality on top of the NetSuite infrastructure, while leveraging existing applications that have been built on the same footing using tools such as SuiteScript and SuiteTalk.

Consistent with the Eclipse Perspective feature to control the visibility of items in a model and the user interface, a NetSuite Perspective provides functionality for manipulating NetSuite projects and resources. The NetSuite Perspective consists of an editor area that displays source file editors you can use for your code. The NetSuite Perspective primarily uses the JavaScript and HTML editors for NetSuite projects, such as SuiteScript and SSP application projects.