Product Comparison - CIAO! and Build Manager

The Teamstudio CIAO! configuration database contains **Promotion** functionality and **Build Steps** that are a subset of the functionality available in Teamstudio Build Manager.

The **Promotion** features included with CIAO! are intended to provide developers and administrators the capability of standardizing and automating the deployment of typical Notes applications, producing repeatable builds with relatively low complexity in configuration.

Teamstudio Build Manager includes several additional capabilities to manage complex deployments and providing support for more advanced environments. Build manager includes functionality to work with multi-stage release processes (test/QA/UAT), release management, approval processes, and deployment tracking.

The following table highlights the key features of each product. For more information on Build Manager, see the Build Manager online documentation, contact your account manager, or email us at techsupport@teamstudio.com.

Feature	CIAO!	Build Manager	Description
Promote			Deploy template to servers
Make Version*			Create a new CIAO! version. *Requires CIAO!
Design Audit**			Run Analyzer Audit filters to ensure standards are met **Requires Analyzer.
Database Properties			Set template name, title, and other template properties
ACL			Define ACL for promoted template
Search/Replace***			Search and Replace text with Configurator ***Requires Configurator.
Copy Database			Create a copy of the template in another location
Element Properties			Change element-level properties such as element-level inheritance, design refresh prohibition
Compile LotusScript			Compile LotusScript to ensure validity and avoid runtime errors
Sign Design			Sign template with an ID stored in CIAO!/Build Manager
Refresh Design			Refresh the design of applications based on the current template
Run Agent			Run an agent in any database, optionally passing parameters
Create Test Data			Reset baseline data for Test, QA or UAT environments
Run Shell Command			Execute OS command line operations, capture and validate command output
Send Console Command			Send remote Domino console commands to a server
Set Agent Server			Set agent "run on server" setting
Enable Agent			Set agent "enabled" status
Set Agent Behalf-Of			Set agent "Run on behalf of" setting in
Switch ID			Switch to an ID stored in CIAO!/Build Manager before running subsequent steps
Approval Workflow			Require approvals prior to allowing promotions to certain environments

Release Management			Store versions of template and track status and deployment in a Template Registry database
Promote As ID			Run promotion using an ID stored in CIAO!/Build Manager, for elevated access levels/permissions
Background Promotions			Promotions run in a separate process, freeing the Notes client for the user