



Extender



“A cost-effective way to configure, customize and extend Sage 300”

Why use Extender?

- Customize Sage 300 without complex code
- All configurations and scripts stored securely in your Sage 300 database
- Easy to upgrade, no need to recompile your customizations
- Works with all Sage 300 core modules, plus 3rd Party modules developed in the SDK

Extender Configurator

The Configurator edition lets you tailor Sage 300 without writing a single line of code.

Alerts and Notifications

Configure Extender to monitor selected fields. When changes occur, trigger real-time email alerts, or display details on Sage 300 screens using Orchid Notes.

Logging

Create an audit trail of key changes to the Sage 300 database. Log what changed, when it changed, who made the change. Access logs using context-sensitive screen icons.



Integration

Synchronize between systems more efficiently by calling external programs when changes occur within Sage 300.

Workflow

Add consistency and transparency to approvals and other critical business processes with structured workflows. Pre-defined Workflow Templates cater for common business scenarios, and can be configured with our simple “What, How, Who” rules engine.

 Take workflow to the next level with TeamWork for Sage 300, a mobile, chat-based collaboration and management tool co-developed by Orchid and AutoSimply.

The screenshot illustrates the integration of Extender across three main components:

- Customer Record:** Shows a customer record for "BARMART" with various fields like Customer Number, Address, and Payment Code.
- Extender Log:** Shows a log entry for a credit limit change. The log table includes columns: Time, View ID, Change Number, User ID, Key, Field Name, Old Value, and New Value. The log entry shows a change from 40000 to 55000.
- Extender Workflow Console:** Shows a workflow instance for a "Credit Limit Change" task. It lists steps: AP Invoice Batch Post, Create EFT File Approval, AP Vendor Approval, Sales Order Approval, Sales Order Approval, RMA Approval, and RMA Approval. The workflow table includes columns: Template ID, Started On, Started At, Started By, Assigned To, View ID, Record Key, Description, and Requested Value.

Customer Credit Limit change triggers email, Extender Log entry and Extender Workflow instance

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Extender Developer

The Developer edition includes all the Configurator features, while also letting you take customization of Sage 300 to the next level using Python scripts.

Business Logic (Sage 300 Views)

Introduce custom validations, conditional alerting, or automate business processes.

Screen Customizations

Modify existing screens in ways not possible at the View level (e.g. tailor tabs, fields, buttons, and finders). Create new screens without the need for complicated programming.

Custom Tables

Create Sage 300 Views and associated tables, without coding. These form part of the Sage 300 database and database dictionary, so they can be accessed, dumped and loaded just like any other view.

Advanced Workflow

Develop custom Workflow Actions using Python to complement our pre-defined actions. Incorporate Custom View/Table data into Workflow Actions.

Advanced Integration

Eg. integrate Sage 300 with cloud-based collaboration tools, or send shipment details to the warehouse when an order is placed.

Screen Customization with Optional Fields (Entity & Project) added to the AP Invoice Detail grid

 Combine Extender Developer and Orchid Notes to generate dynamic, feature-rich 'Extended Notes'.

Why Python?

Python is a widely used, open-source language that consistently tops "most popular language" industry surveys. We chose it as the scripting language for Extender because:

- It is an interpreted language (no compiler needed)
- Customization scripts can be stored in the Sage 300 company database
- Source code is self-documenting, and can be amended on site
- It supports the use of thousands of well-tested, open-source libraries

More information

Further information about Extender, including videos, is available from Orchid's Website: www.orchidsystems/products/extender.



Minimum Requirements

Extender requires the compatible version of Sage 300 System Manager. Workflow User licences are required to access Extender Workflow functionality. Notes functionality requires Orchid Notes. Document Management Link is required to display documents. Python is installed as part of Extender. Features relate to the latest supported version.

Contact your Sage Software Solution Provider

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