



INTEGRATEC

API PLATFORM

PRESORT TOOLKIT

The Integratec™ API Platform Presort Toolkit enables mailers to automate their USPS mailing preparation process, including seamless integration of presort into other up and downstream processes.

FOR MORE INFORMATION VISIT

bccsoftware.com/INTEGRATEC
(800) 337-0442
marketing@bccsoftware.com

Workflow Stages



Workflow with Integratec integration



Creating a fully automated mailing workflow is no longer a pipe dream. Many of the largest mailers have been able to realize real cost savings and quality improvements by leveraging internal Information Technology teams and custom software applications. Thanks to Integratec™, optimized and automated workflows have become a reality for companies of every size.

The Presort Toolkit for the Integratec API Platform provides everything needed for integrating presort into your workflow. When you license the API, you will get three modules, each with its own unique set of capabilities:

Essentials

This module serves as the foundation for Integratec, handling basic functions like import and export, data modification, and indexing.

Presort

This module performs all presort capabilities, fulfilling USPS PAVE™ Gold certification in over 100 categories.

Reporting

This module delivers all documentation and tray/pallet labels required to finalize your presort and induct mail into the USPS mail stream.

The API is built on a modular, scalable architecture that, depending on the customer's need, allows software to be run on any number of machines across different environments, depending on the requirements of each customer's environment. This unique setup allows mailers to fine tune performance by scaling the number of workers performing under the control of the centralized broker and distributing the load across multiple machines.



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INDUSTRY RESPONSE

“Integratec™ lives up to BCC Software’s reputation for flexible, high quality solutions backed by outstanding support. I’ve already seen the potential for impressive time savings in my operation and am looking forward to fully realizing all the benefits of the Integratec platform.”

- Paul Naylor, CFO of Salt Lake Mailing & Printing

BENEFITS OF INTEGRATEC API

The API is built on a modular and scalable architecture that, depending on the customer’s need, allows software to be installed locally or distributed among any number of machines spread across a network. This unique setup allows you to increase performance by fine-tuning the number of workers available to the client API making requests.

COMMUNICATION BETWEEN MODULES is handled by a central broker, which enables a single client API to make requests of any module.

- As modules and features are added, the communication interface is maintained.
- The interface is simple to understand and easy to implement.

THE BROKER acts as a router for requests created by the client API, and includes automatic load-balancing and fair-queuing of work. The request parameters are formatted as JSON, and validated via json-schema. For example, properties for a presort request could contain presort information such as mail class, piece type, etc.

ALL REQUESTS ARE ASYNCHRONOUS, with the API providing convenience methods for using it synchronously.

- Progress or status of work is pushed to the API via callbacks, but can also be pulled from the broker at request.
- Software can generate a request for work and wait for the return. (Synchronous)
- Software can generate a request for work and not wait for the return, freeing up the process while the work is processed. (Asynchronous)

EASIER TO USE IN AN INTEGRATION ENVIRONMENT

The API requires only one interface method:

- API requests control all aspects of software functionality
- Software can function as a group of services, requiring no interactive session
- All errors are trapped in logs and replies to requests made by the API
- Once API calls are written, software is “ready to roll”

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