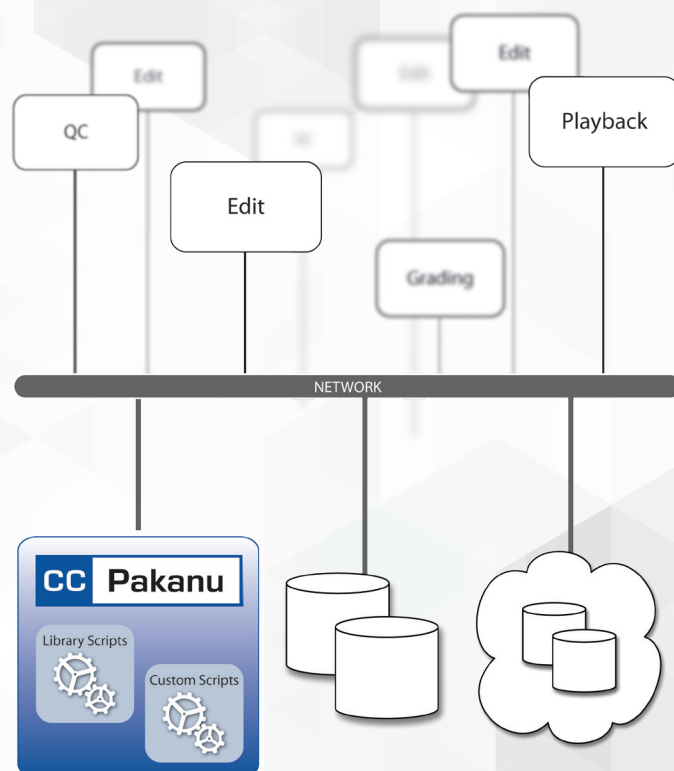


PAKANU

ASSET MGMT & MANUFACTURING

REGISTER ■ TAG ■ VIEW DEPENDENCIES ■ AUTOMATE

- Flexible, data-driven management of assets using registered asset IDs, file digests and customizable tags.
- View asset dependencies.
- Complete customizable automation of IMF and DCP mastering processes.
- RESTful control system using JSON or XML.
- Intelligent scheduler makes efficient use of resources.
- Runs on your Linux or OSX hardware.



CineCert's Pakanu Asset Management & Manufacturing system provides the tools to facilitate access to assets, view embedded metadata and interdependencies and efficiently process those assets according to your business and operational needs.

Pakanu provides a web-based GUI for direct interaction from multiple platforms and a RESTful API for programmatic integration and data collection.

ACCESS ASSETS

Pakanu provides web-based access to local and Storage Area Network file systems to browse file-system hierarchies or browse by data-oriented tagging and filtering. Pakanu provides visibility into the embedded metadata of IMF and DCP assets for detailed analysis and, once registered, asset interdependencies are also tracked. This information can then be used to select assets for further processing. Capabilities can be scaled by adding additional units to the same SAN.

PROCESS SELECTED ASSETS

A selection of assets is submitted to built-in or user-developed Python processing scripts and orchestrated to your particular needs. Task dependencies can be specified to control ordering of task processing. These scripts are executed by a multi-threaded asynchronous task management system that is easily scaled to available processors.

REST CONTROL INTERFACE

Remote processes can access asset metadata, control and monitor Pakanu tasks and system resources via the built-in HTTP server. Pakanu commands use JSON or XML document types to allow convenient interface with popular control environments. Pakanu tasks can also be configured to perform callback actions upon completion or failure, allowing controllers to be notified of system events without polling.

USER INTERFACE

Also included is a web-based GUI component that uses the REST API to present a graphical view of assets and their metadata and task status and control. This interface is available from Pakanu's HTTP server, allowing convenient access and monitoring from any browser-equipped client.

RICH PYTHON ENVIRONMENT FOR MASTERING

Pakanu is delivered with a complete set of scripts for registration, testing, packaging, and more. Pakanu's Python environment allows customers to define virtually any process, using features from the vast global library of free and commercial Python extensions and customers' proprietary extensions.

