



Orbis Technologies, Inc.

# Redaction and Exploitation Releasability Tool (REnDER)

## Overview

The implementation of a BPM tool decouples the workflow application from the source data. This is done so the workflow application can be modified to accommodate the changing operational situation without having to change workflow application source code, thus preserving the ability to rapidly support unique missions without having to go through the software release process. Orbis has modified an industry standard workflow tool to meet the needs of the military intelligence product generation process.

## Product Highlights:

- Automates the redaction of images to support the simultaneous distribution of GeoINT products to Coalition partners.
- REnDER orchestrates process execution of the image production so that it is routed to the approving authority automatically.
- Incorporates an industry standard open architecture approach that encodes workflows in Industry Standard Business Process Management notation.
- Empowers clients to change workflows, process and user interfaces without any contractor support.
- Enables Site Clients to add processes and workflows without writing a single line of code.
- REnDER reduces the redaction time significantly while enhancing the releasability rules creation process.
- REnDER fully automates the Intelligence Work Product generation process, while applying customer specific templates to the redacted Work Product.
- Full Motion Video (FMV) processing capability allows REnDER to automatically generate and redact FMV Intelligence Work Products



*Are you ready for the answers?*

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# About REnDER

## Innovative Features

The Orbis REnDER software incorporates several innovative and industry standard software components. Specific features include:

- Standards-based tool that enables integration of new capabilities that conform to defined standards (NITF, JPEG 2000, etc. for imagery exploitation).
- Proven workflow management/engine and Enterprise Application Integration (EAI).
- Support simulations and "what-if" scenarios.
- Flexibility to support multiple DCGS user roles (Mission Operations Commander, Geospatial Analyst, etc.).
- Contains a business rules engine that non-programmers can use to change or add business rules in order to adapt to frequently changing scenarios and environments.
- Support for industry standard BPMN v2.0 notation.
- Integration with leading analyst tools suites for image exploitation.

## Custom Implementation Tailored for Individual Needs

The REnDER software allows for custom implementations that are rapidly tailored to each organization. Clients can create metrics to monitor the process execution, individual user contributions to the process execution and overall process accuracy. An easy to use Administrator Application enables clients to organically sustain the application or have the application supported by third party developers.

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## No Custom Programming

REnDER software has minimal custom programming which is associated with the integration of legacy applications and infrastructure. Much of the work is done by the software such that the majority of the effort is capturing existing workflows in an industry standard notation, configuration of the roles and responsibilities to these workflows, the creation of mission forms and documents, and the implementation of business rules to monitor the process. None of these tasks are considered custom programming because they are guided by the REnDER application. Additionally, they can largely be supported by operators with minimal or no Contractor Field Service Representatives (CFSRs).

## Low Cost Training

The training for the implementation of the REnDER tool can be done in one day. Online training webinars are available through third party vendors.

## Ease of Use

The Orbis REnDER software is built using an industry standard Business Process Management (BPM) tool and as such, is designed to abstract the orchestration of a process from the underlying data and the end use application. A BPM implementation is very easy to use and, due to the fact that it is in use across multiple domains has features designed for simplicity. This is one of the more significant benefits of using an industry standard BPM tool over proprietary workflow applications.

## Benefits of Incorporating Industry Standard Tool

The underlying software components used by Orbis has a global user community investing to advance the product baseline. The Orbis solution is built upon BPM software which has been downloaded over 2,750,000 times worldwide by organizations of all sizes. The large established user base assures the software will continue to be upgraded and maintained.

The Orbis solution incorporates an industry standard tool that encapsulates a rules engine, enables the capture of mission workflows in an industry standard notation and provides a workbench for non-software developers to make changes to the software.