

IDA 5.4 Release Notes

Hardware-Ready & Quality Release

Overview

IDA 5.4 takes the 5.x series to the next level with optimizations for continuous production operation and enhanced hardware flexibility.

Why upgrade?

- Improved results with challenging documents
- More hardware flexibility through expanded GPU support
- Customizable training workflows for ExA and LLM Entity Extraction
- Immediate performance gains without hardware upgrades

Quality & Precision

Enhanced text finding and character recognition

- More reliable recognition of thin fonts and faded documents
- Optimized processing of diagonal text and smoothing of curved text lines for better readability
- Correct processing of varying font sizes within a single document
- Reliable distinction between similar characters (e.g., 1, 7, l, |)

Multi-Page Redaction

- Intelligent redaction across page boundaries
- Consistent handling of multi-page documents

Usability

Improved extraction training analysis

IDA 5.4 significantly streamlines extraction training:

- Clearer visualization of validation results
- Faster relabeling of new training data
- More prominent display of LLM prompts

This enables customers to achieve required accuracy faster through accelerated training iteration and more precise model analysis.

Invoice module updates

The Invoice module's data structure has been fundamentally revised and is now consistent across all table types. Important: The updated invoice module is not compatible with IDA 5.3.

Enhanced white-label capability

Faster customization of branding elements (colors, logo) for partners – implementation by our Customer Success team.

Performance & Scalability

Expanded GPU support

IDA 5.4 supports NVIDIA Blackwell architecture, providing flexibility in hardware choices.

Optimized processing

- Faster processing of large document volumes (up to three times faster with GPU set-ups)
- More stable operation under continuous load
- Better utilization of modern GPU hardware

For more information, please refer to the detailed changelog in our [software documentation](#).