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[ISO/IEC 23000-6:2009/Amd 1:2010](https://standards.iteh.ai/catalog/standards/sist/5df7110a-752d-4f41-91b8-2e0731b84b30/iso-iec-23000-6-2009-amd-1-2010)

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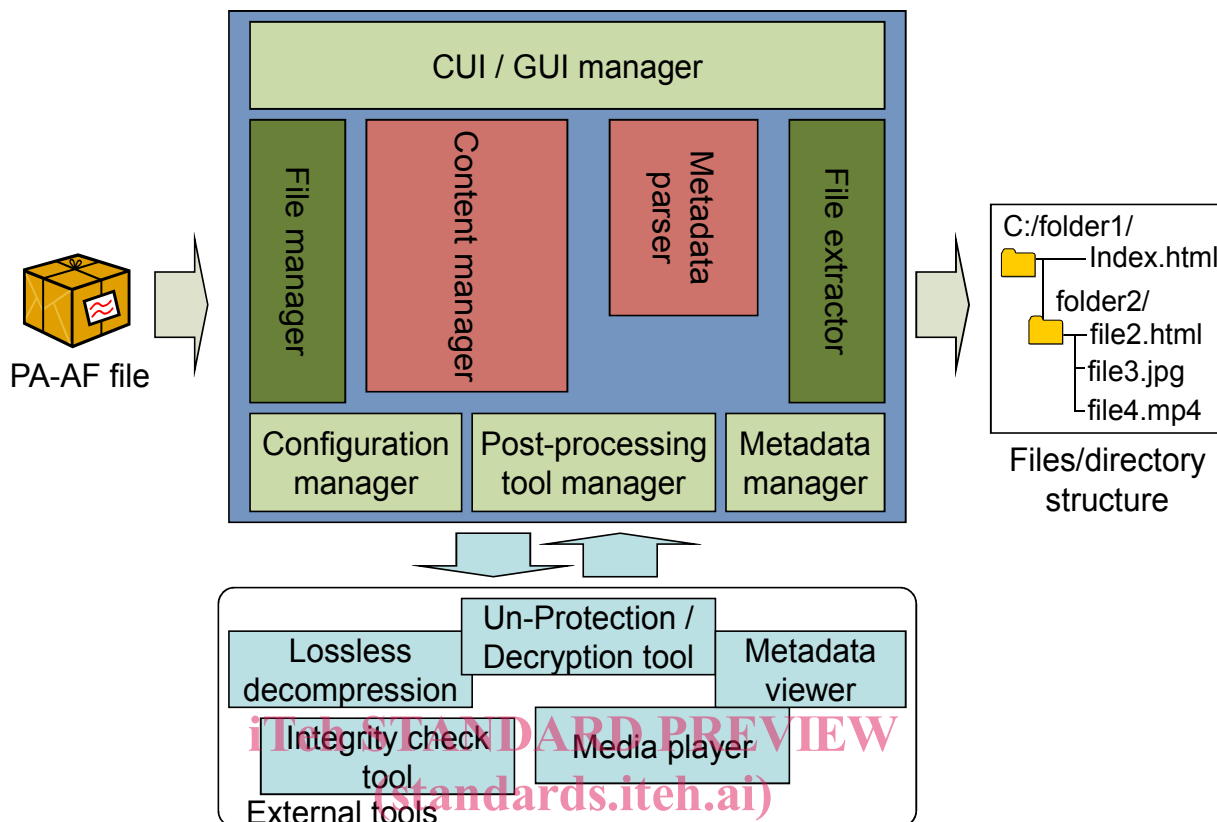








## 11.2.1 Architecture



ISO/IEC 23000-6:2009/Amd 1:2010  
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**Figure AMD1.3 — PA-AF file extractor system architecture**

The file extractor system architecture is shown in Figure AMD1.3. The content manager and the file extractor extract the information from the PA AF file. Any metadata is parsed according to its type (MPEG-21 DID/DII, MPEG-21 IPMP, MPEG-21 REL, MPEG-7 CI, and MPEG-7 MDS) by the metadata parser. With the configuration manager, the default setting for the extractor can be customized. The post-processing tool manager provides interfaces to external post-processing tools, such as lossless decompression tools, un-protection/decryption tools, and integrity check tool. For example, an external un-protection/decryption tool will unprotect the content on the basis of the information given in the file. The content manager lists and manages the content into files and directory structure.

## 11.2.2 Software Modules

The software modules of file extractor are similar to those of the packager/authoring tool but with reversed functions such that the metadata generator becomes that metadata parser; the pre-processing tool manager becomes the post-processing tool manager, and so forth. The modules are shown in Figure AMD1.4.