

Explore New Initiatives on RIM Submissions Archive's Support of eSTAR FDA Medical Device Submission Format

With a focus on memory optimization for the importing and extraction of eSTAR submissions

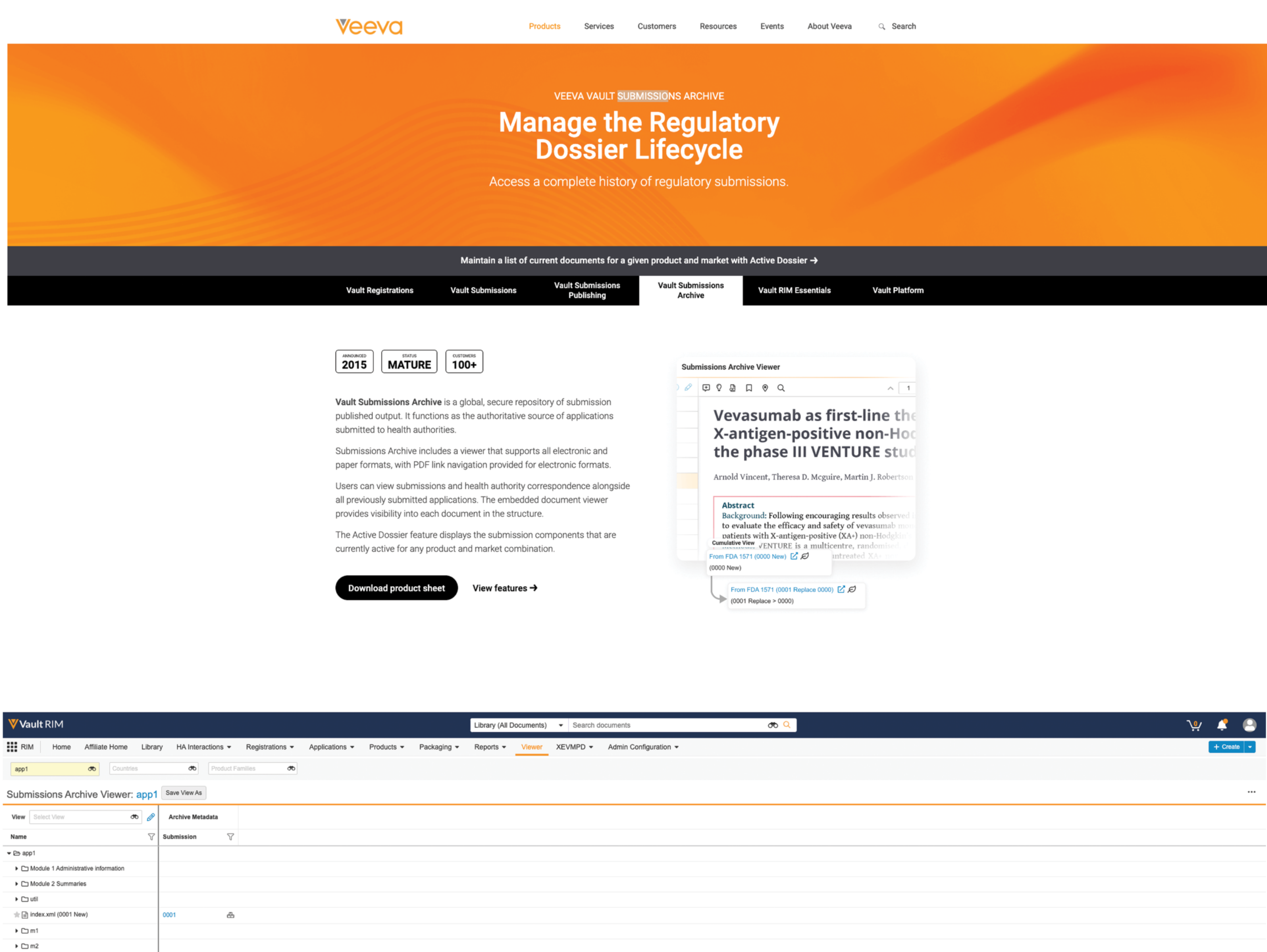
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PROJECT SUMMARY

Digitization in the pharmaceutical sector has ushered in a new era of efficient medicine regulatory submissions management and exchange. Vault Submissions Archive is a global, secure repository of submission published output. It functions as the authoritative source of applications submitted to health authorities. Submissions Archive includes a viewer that supports all electronic and paper formats, with PDF link navigation provided for electronic formats.

The eSTAR is an interactive PDF form that guides applicants through the process of preparing a comprehensive medical device submission. The primary objective of this research internship is to pinpoint and refine methods to optimize memory consumption during the eSTAR PDF extraction process. One of the significant challenges we're grappling with is the complex process of data extraction from PDF files. This complexity might reduce our system's efficiency, especially given the large volumes of files from our clients, which are large and medium-sized enterprises. To resolve this, we're delving into cutting-edge techniques in computer science and software engineering. We aim to build a system that not only operates at peak speeds but also optimizes hardware resources, ultimately enriching the user experience.

