Project Information

Project title	Firmware Downloader and Management Tool
Project type	AMOS
Industry partner	Siemens Energy
Contact person	Michael Messner

Project Description

Project summary	The software shall be able to ● download firmware images from vendor websites, ● extract metadata, and ● catalog them. In a management console, ● users can trigger a download, ● review the results, and ● supply additional information. Further requirements: Downloads ● can be triggered repeatedly, ● are incremental, and ● can be accessed in the management dashboard for editing. The software will only be applied to websites that do not object to automated downloading.

Project Constraints

Core technologies	Python + Selenium, EMBArk (Siemens open source)
Team language	English (or German)
Needed resources	None
Other comments	This project builds on a previous AMOS project at FAU