

CLIOSOFT HUB

Amit Varde, Director – Solutions Engineering

cliosoft



ABOUT CLIOSOFT

PIONEER & LEADER
in design data & IP
management solutions

#1



FOUNDED IN 1997
headquartered in
Fremont, California

300+ CUSTOMERS
diverse and largest
customer base



**WORLDWIDE
SALES**
24x7 worldwide support
USA, Europe, Australia,
China, India, Israel, Japan,
Korea & Taiwan

CUSTOMERS

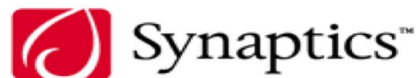
Enterprise Deployments



ON Semiconductor®



Hewlett Packard
Enterprise



cā dence®



TOSHIBA



elmos®



RENESAS



YMTC

CUSTOMERS

Small & Medium Deployments



CUSTOMERS

Startups & Universities





PARTNERED WITH ALL MAJOR EDA VENDORS



SIEMENS



clio**soft**



SILVACO



synopsys®



cādence®



KEYSIGHT
TECHNOLOGIES



One cohesive system to manage all types of hardware designs



Native integration with tools from all major EDA vendors

CLIOSOFT PRODUCTS

cliosoft | SOS

Design
management for
analog, mixed-
signal, digital and
RF designs

cliosoft | HUB

IP management,
reuse, and
traceability for
design projects
and the
enterprise

cliosoft | VDD

Schematic and
layout
comparison tool
for analog,
mixed-signal and
RF designs



cliosoft | HUB



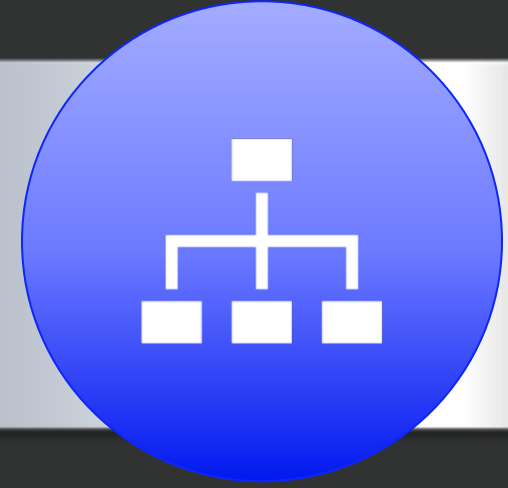
IP Management

for IP management
& reuse



Project Collaboration

for IC design



IP Traceability

for IC engineers
& managers

CENTRALIZED IP MANAGEMENT COCKPIT

SINGLE CATALOG

Access All IPs & Design Projects
Across Enterprise


cliosoft | HUB

STORE IPs ANYWHERE

Multiple Ways to Store IP



cliosoft | SOS

PERFORCE



NAS/SAN

FIND THE RIGHT IP



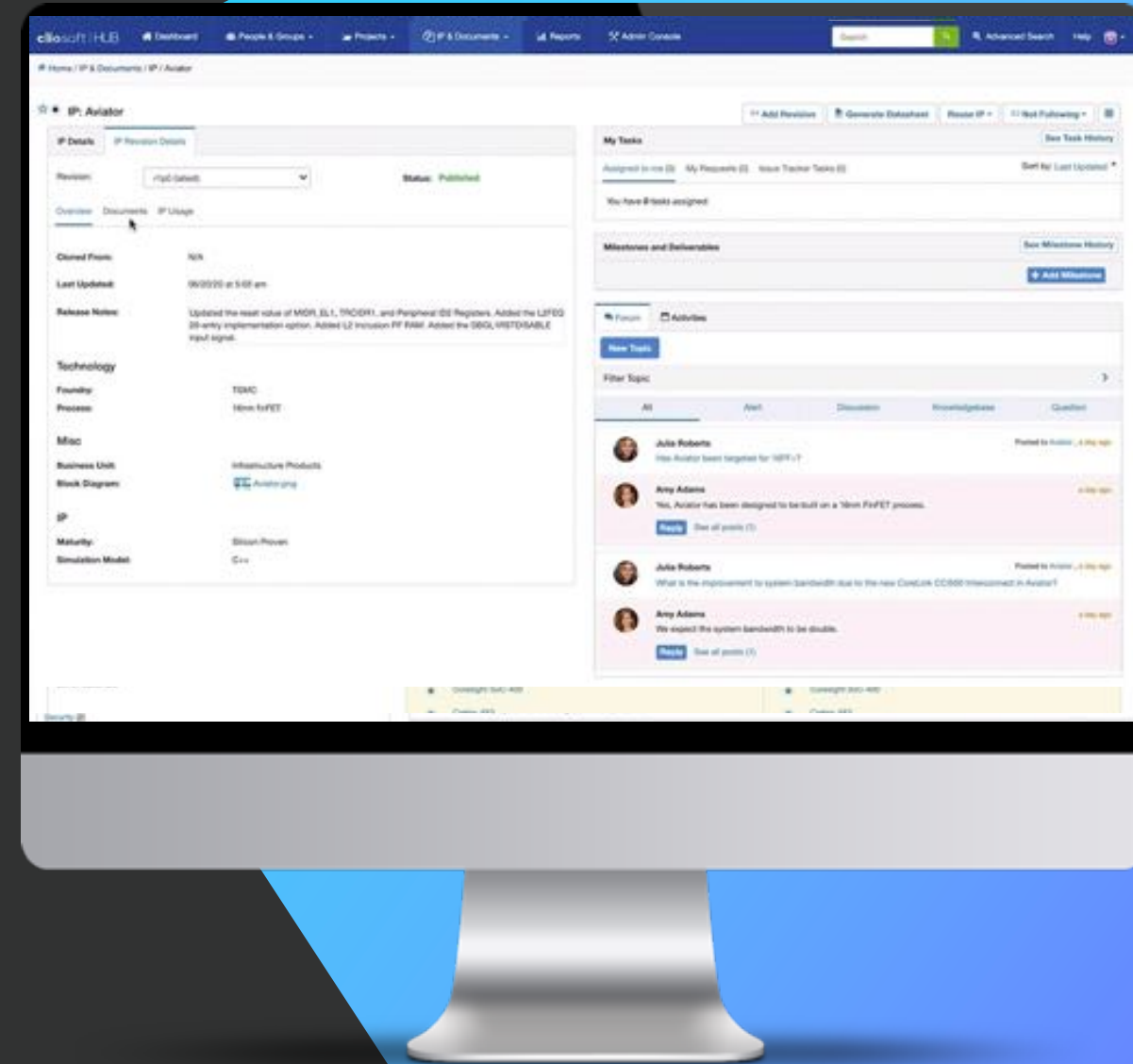
Web-based IP catalog across the enterprise



Browse, search and compare



Get IP details – gauge the fit!





IP TRACKING & KNOWLEDGEBASE

- 1 | Dependency Tracking**
Full, hierarchical IP version dependency tracking
- 2 | Issue Tracking**
Find or report issues associated with an IP
- 3 | Knowledgebase**
Dedicated forum/knowledgebase for each IP asset



TRACEABILITY

HIERARCHICAL VISIBILITY



IP Consumers



Bill of Materials



Hierarchical Issue Tracking



Document Tracking



PROJECT DASHBOARD

IP BOM & DOCS

access all project information including IP BOM & documents



USER HOMEPAGE

users homepage for a project



PROJECT FORUM

forum for all project related discussions



NEWSFEED

curated newsfeed of discussions and alerts related to the project and its BOM



HUB DESKTOP



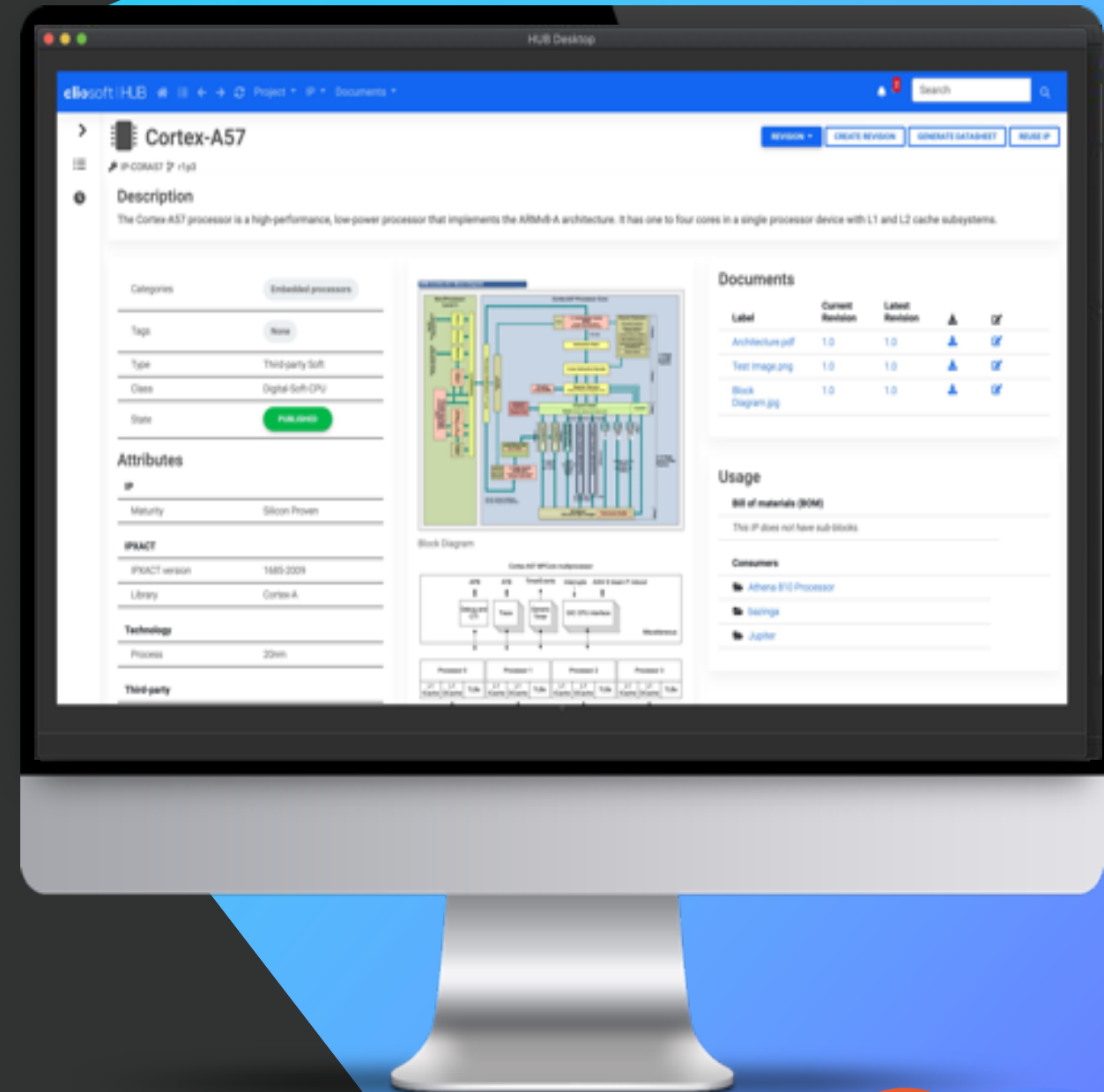
Workarea in Light Mode



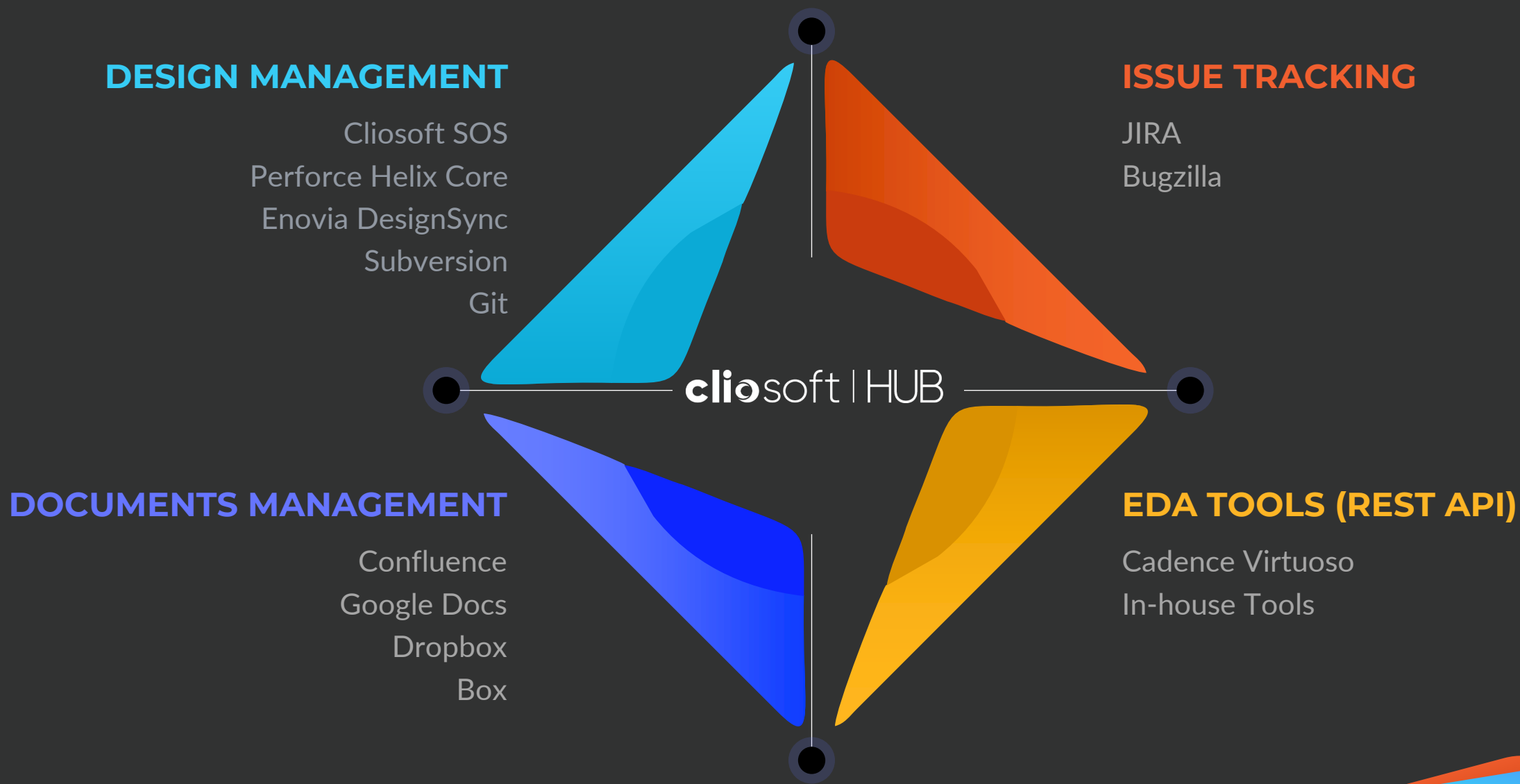
Workarea in Dark Mode



View IP



3rd PARTY SOFTWARE INTEGRATION



SEAMLESS INTEGRATION WITH CADENCE VIRTUOSO



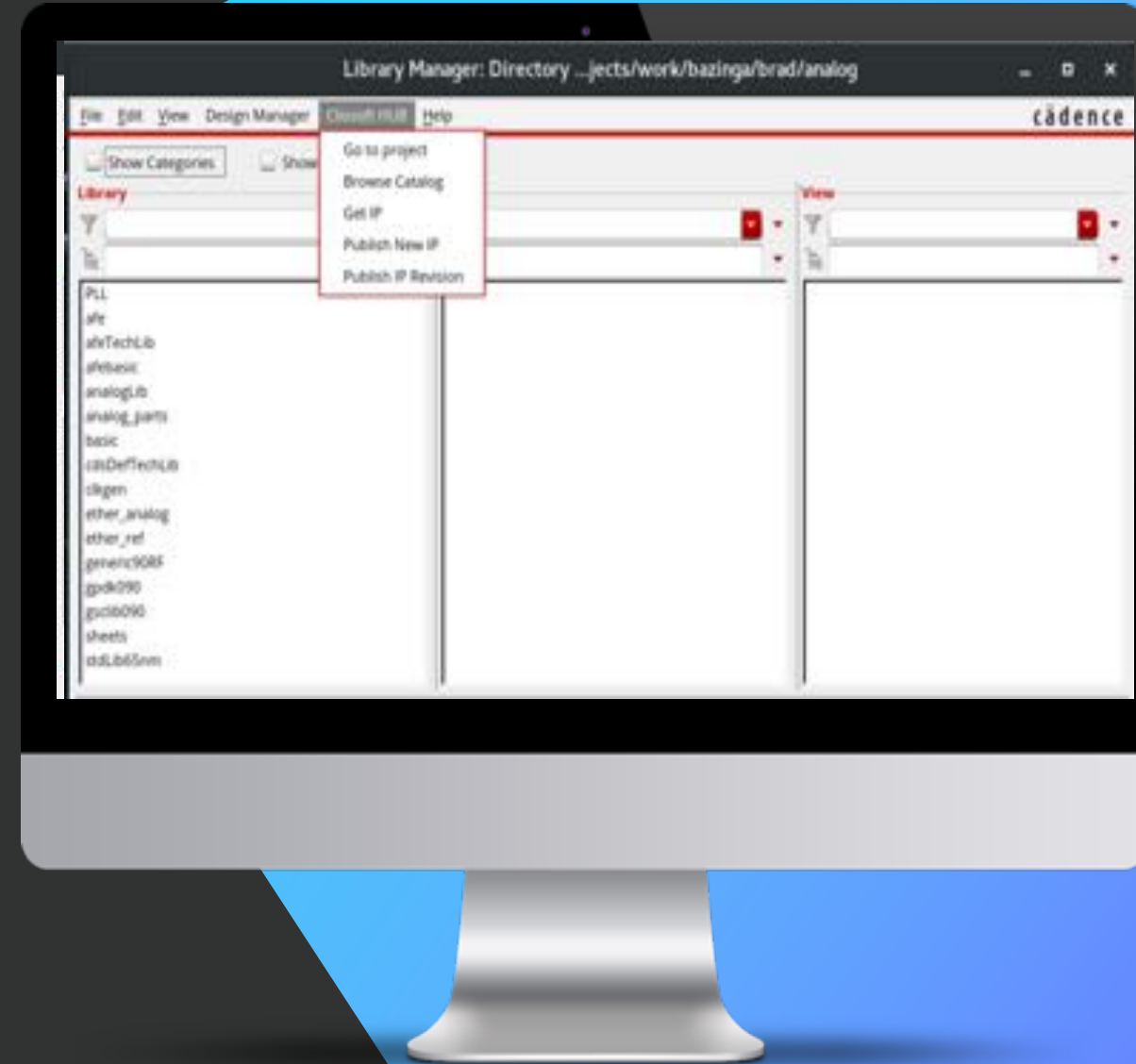
Browse catalog from Virtuoso



Publish IPs directly from Virtuoso



Get IPs from HUB into Virtuoso





MANAGEMENT OVERSIGHT & INSIGHT



Fine grained access controls



IP traceability



Manage 3rd party IP audits & liabilities



Workflows to manage approvals & standards



CUSTOMIZABLE WORKFLOWS

3RD PARTY IP DOWNLOAD WORKFLOW

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SIGN & SEND
LICENSE AGREEMENT

REVIEW & APPROVE
DOWNLOAD

DOWNLOAD TO USER
WORKAREA

INTERNAL IP UPLOAD WORKFLOW

AUTOMATICALLY RUN
SANITY CHECKS

SEND REQUEST TO EVALUATE
TECHNICAL MERIT OF IP

REQUEST APPROVAL FROM
MANAGER TO UPLOAD

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ANALYTICS



Usage reports



Workflow task history

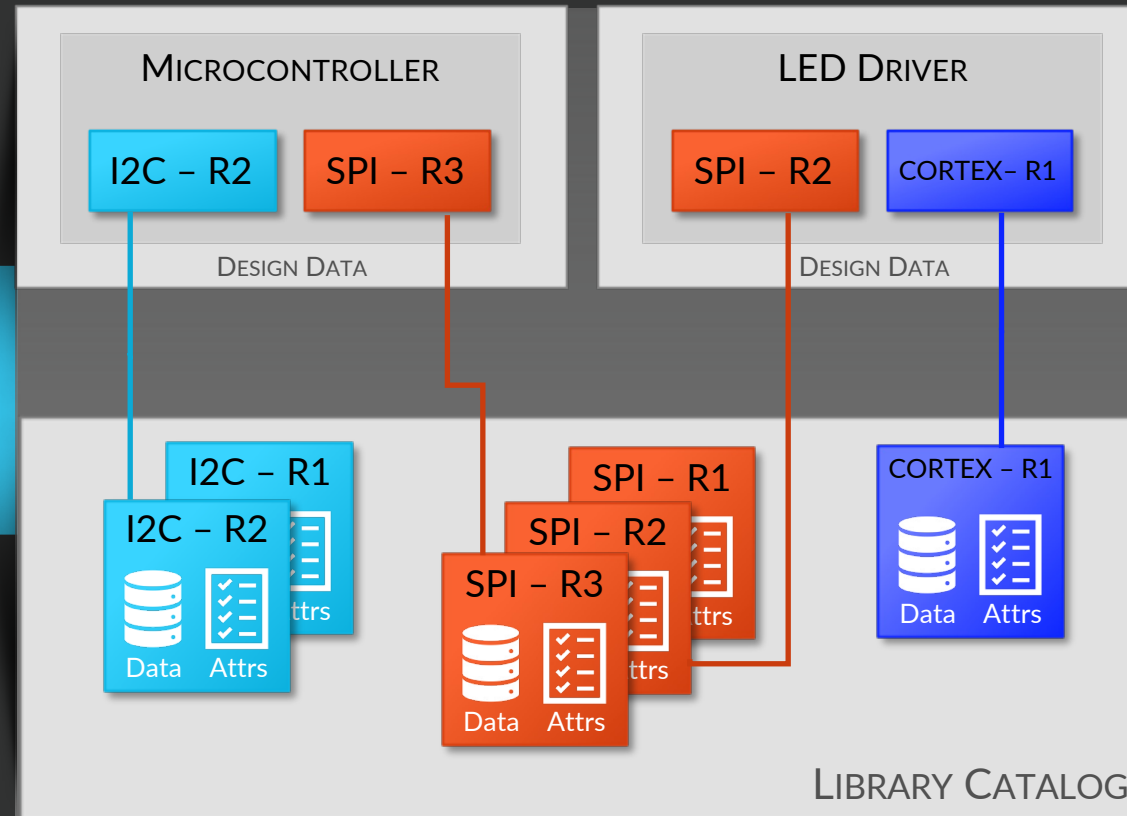


REFERENCE & REUSE IP IN SOS

cliosoft | SOS

IP DESIGN DATA

in SOS, 3rd party DM or
uploaded into HUB



cliosoft | HUB

IP RELEASE

metadata, use authorization,
and traceability maintained in
HUB

UNMODIFIED IP REUSE LIFE CYCLE

cli^osoft | SOS

Add reference to published IP release
Check sub-IP release conflicts
Integrate IP into design



INTEGRATE
IP

FIND IP



Search, compare & select IP
Qualify IP quality
Get IP authorization

GET IP
INSIGHTS



Find answers to IP reuse questions
Get critical IP issue notifications
Get new IP release notifications

Update workarea to new IP release
Check sub-IP release conflicts
Upgrade design project to new IP release



UPDATE
WORKAREA

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MODIFIED IP REUSE LIFE CYCLE

cli^osoft | SOS

Import IP into design project
Modify & integrate IPs
Check for sub-IP release conflicts



MODIFY &
INTEGRATE
IP

FIND IP



Search, compare & select IP
Qualify IP quality
Get IP authorization

GET IP
INSIGHTS



Find answers to IP reuse questions
Get critical IP issue notifications
Get new IP release notifications

Add new IP release changes into IP clone
Check sub-IP release conflicts



UPDATE
WORKAREA

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PUBLISH IP



Publish IP as a clone
Clone relationship maintained

IP CENTRIC DESIGN

