

AUTODESK UNIVERSITY

Cloud Data Management with Upchain

Kevin Alexander

Implementation Specialist

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A little bit about me . . .

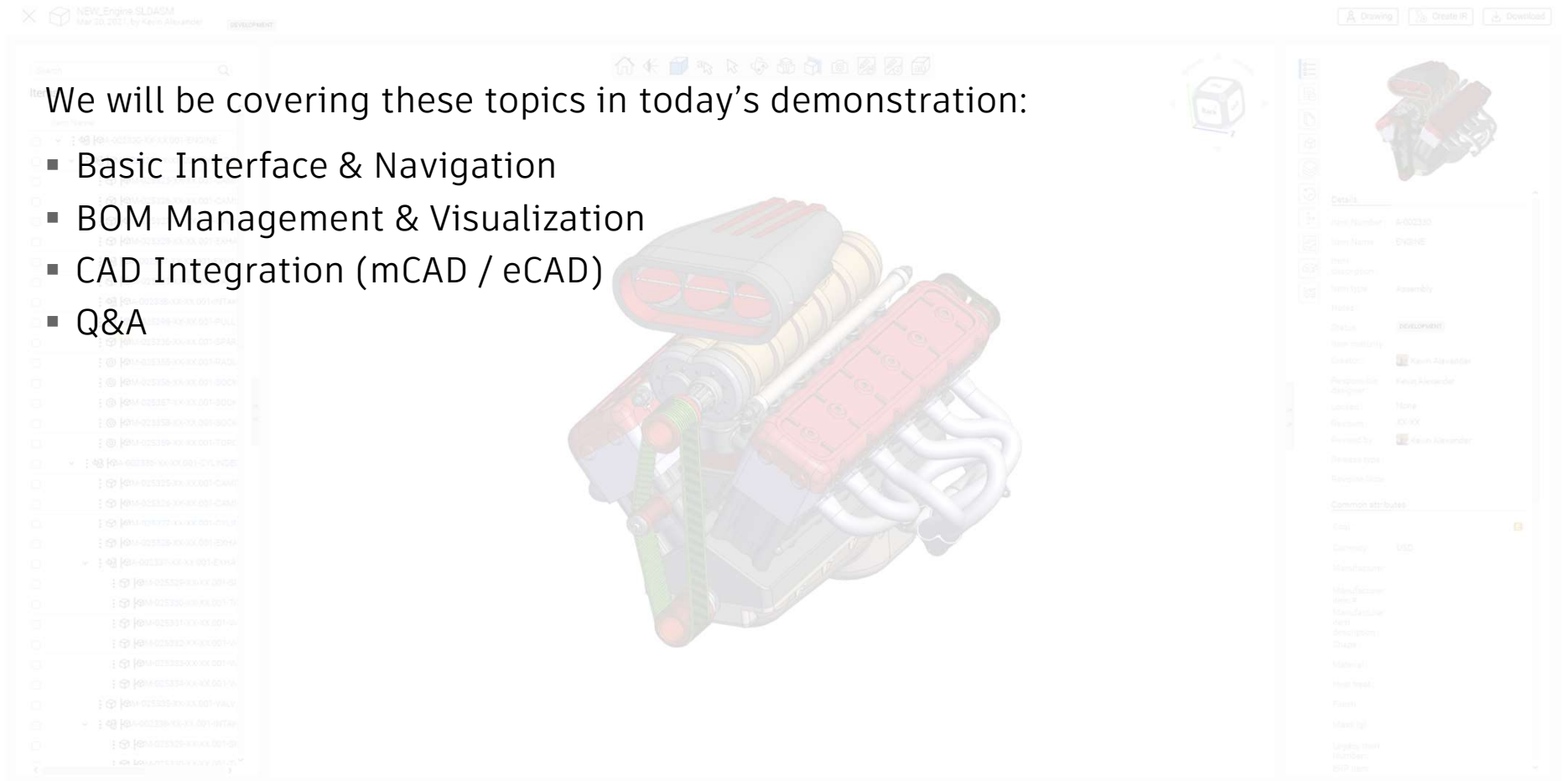
- Upchain Implementation Specialist at Autodesk
- Mechanical Engineer, University of Louisville
- Formula One fan
- Shadetree Mechanic
- Find me on [LinkedIn](#)
- kevin.alexander@autodesk.com



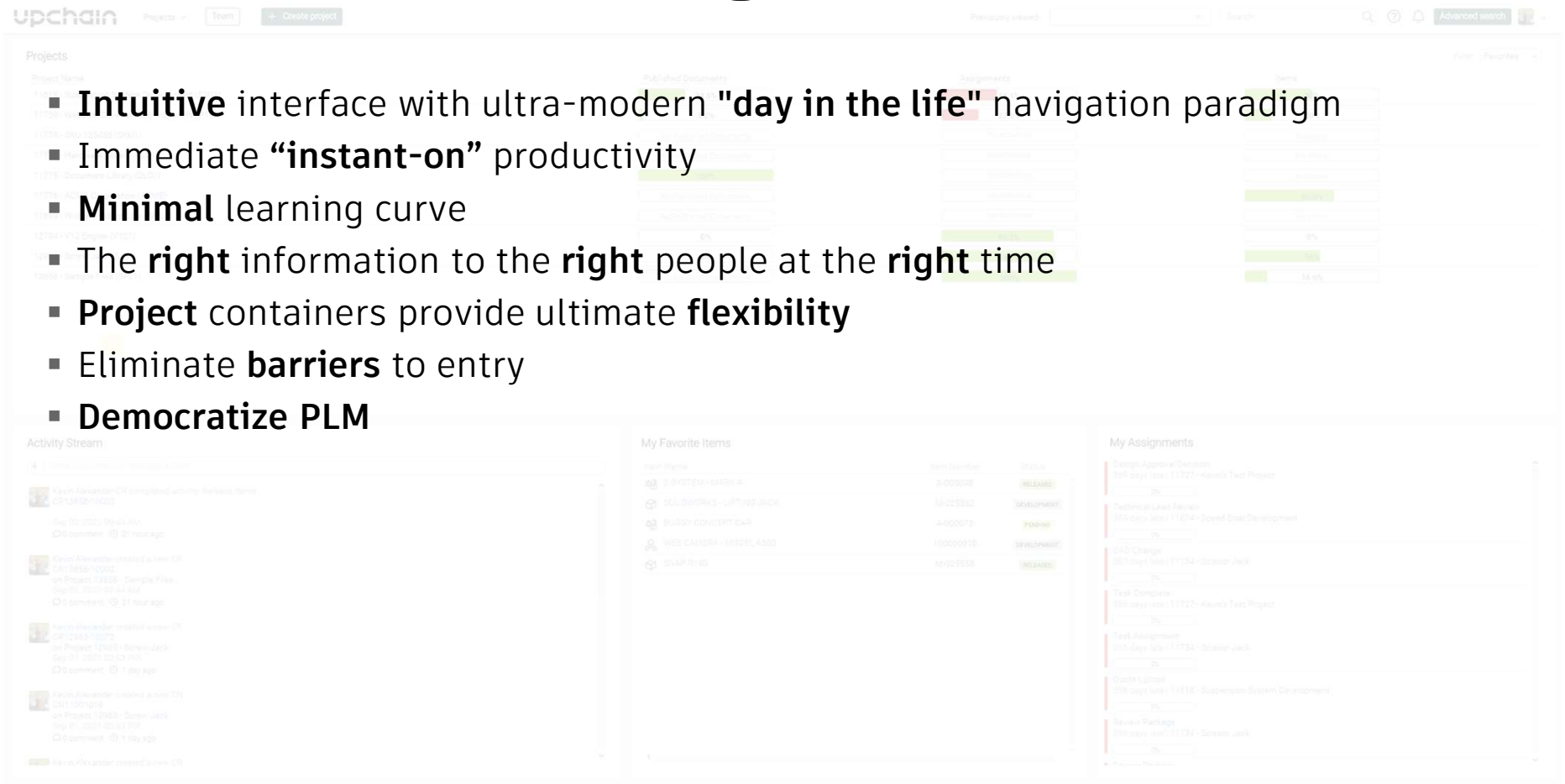
What is Upchain?

Upchain is the world's first CAD-centric, multi-tenant SaaS, instant-on PDM/PLM system.

Upchain Demonstration / Q and A



Basic Interface & Navigation



- **Intuitive** interface with ultra-modern "**day in the life**" navigation paradigm
- Immediate "**instant-on**" productivity
- **Minimal** learning curve
- The **right** information to the **right** people at the **right** time
- **Project** containers provide ultimate **flexibility**
- Eliminate **barriers** to entry
- **Democratize PLM**

BOM Management & Visualization

upchain Projects Teams Create project

Previously saved WEB CAMERA Search Advanced search

11739 - Webcam Development - ACTIVE

11739 - Webcam Development - ACTIVE

- Intuitive interface w/ ultra-modern navigation paradigm
- BOM details are “Fingertip ready”
- Integrated visualization empowers all constituents
- Full support for both “Bottom-up” or “Top-down” design
- Holistic eBOM (both mCAD and eCAD)

Item	Part Number	Qty	Status	File	Value/Unit Cost	Major Revision	Minor Revision
1 WEB CAMERA	M-20000001	1.0000	RELEASED	WEB CAMERA.A-000001.AA	XX	XX	XX
1 CAMERA PCB DATA	100000011	1.0000	RELEASED	WEB CAMERA.A-000001.AA	XX	XX	XX
1 Inductor	100000015	1.0000	RELEASED	WEB CAMERA.A-000001.AA	XX	XX	XX
1 Current Source	100000014	1.0000	RELEASED	WEB CAMERA.A-000001.AA	XX	XX	XX
1 Resistor	100000022	2.0000	RELEASED	WEB CAMERA.A-000001.AA	XX	XX	XX
1 DC Source	100000016	2.0000	RELEASED	WEB CAMERA.A-000001.AA	XX	XX	XX
1 Voltage Controlled Switch	100000017	1.0000	RELEASED	WEB CAMERA.A-000001.AA	XX	XX	XX
1 Feedback Linear Voltage Source	100000018	1.0000	RELEASED	WEB CAMERA.A-000001.AA	XX	XX	XX
1 Output Code	100000019	1.0000	RELEASED	WEB CAMERA.A-000001.AA	XX	XX	XX
1 Voltage Controlled Current Source	100000020	1.0000	RELEASED	WEB CAMERA.A-000001.AA	XX	XX	XX
1 VOLTAGE CONTROLLED	100000021	2.0000	RELEASED	WEB CAMERA.A-000001.AA	XX	XX	XX
1 Current Controlled Voltage Source	100000023	1.0000	RELEASED	WEB CAMERA.A-000001.AA	XX	XX	XX
1 Capacitor	100000024	1.0000	RELEASED	WEB CAMERA.A-000001.AA	XX	XX	XX
1 Voltage Controlled Feedback Linear Resistor	100000025	1.0000	RELEASED	WEB CAMERA.A-000001.AA	XX	XX	XX
1 SUBCIRCUIT	100000013	1.0000	RELEASED	WEB CAMERA.A-000001.AA	XX	XX	XX
1 PACKAGING	M-20000002	1.0000	RELEASED	WEB CAMERA.A-000001.AA	XX	XX	XX
1 WIRING - USB	100000012	1.0000	RELEASED	WEB CAMERA.A-000001.AA	XX	XX	XX
1 PCB SOFTWARE	100000010	1.0000	RELEASED	WEB CAMERA.A-000001.AA	XX	XX	XX

Details

Part Number: A-000001

Item Name: WEB CAMERA

Item Description: SOPS

Item Type: Assembly

Notes

Item Name: REQUIREMENT

Item Name: Hardware Maps

Designated By: Matthew Mark

Checked: None

Released: A-0000

Released By: Matthew Mark

Release Type: RELEASE 2

Release Date: RELEASE 2

Generation attributes

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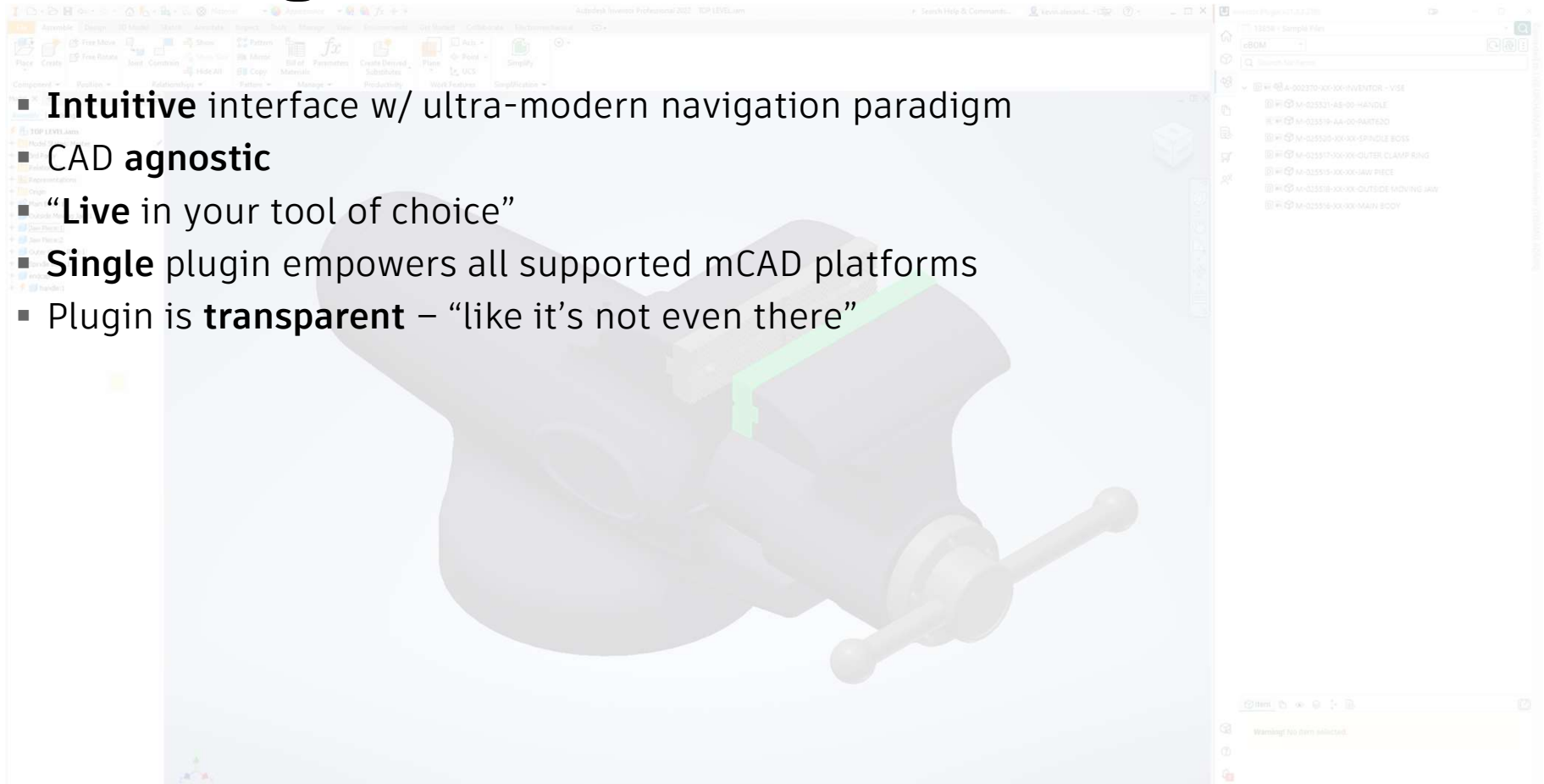
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CAD Integration (mCAD / eCAD)

- **Intuitive** interface w/ ultra-modern navigation paradigm
- **CAD agnostic**
- **“Live** in your tool of choice”
- **Single** plugin empowers all supported mCAD platforms
- Plugin is **transparent** – “like it’s not even there”



The background of the slide is black. In the four corners, there are abstract, three-dimensional geometric shapes that look like they are made of a dark, reflective material. These shapes are composed of flat planes and sharp edges, creating a modern, architectural feel. They are positioned such that they seem to be floating or attached to the corners of the frame.

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