



Carnegie Mellon University

The Living Edge Lab Going Forward

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*Living Edge Lab
Associate Director*

Why a Living Edge Lab? - A Proving Ground for the Edge

EDGE-NATIVE APPLICATIONS

PLATFORMS & TOOLS

EDGE INFRASTRUCTURE



INDUSTRY PARTNER PROJECTS

** "Working Code Trumps All Hype"
-- Prof. Mahadev Satyanarayanan*

EXPERIMENTATION & TEST

**USE CASE PIONEERING
TECHNOLOGY PIONEERING
SOLUTION PIONEERING
USER EXPERIENCE**

WORKING OPEN-SOURCE CODE*

RESEARCH PAPERS

VIDEOS, WHITEPAPERS, DEMOS, PRESENTATIONS

CMU GRADUATES

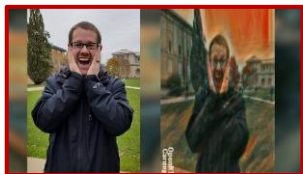
Edge-Native Applications and the Living Edge Lab



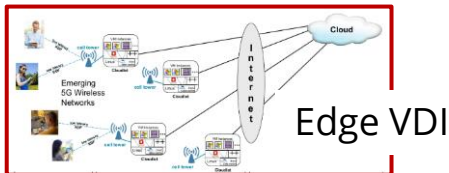
Single User Interactive
Edge = Experience



Cognitive Assistants



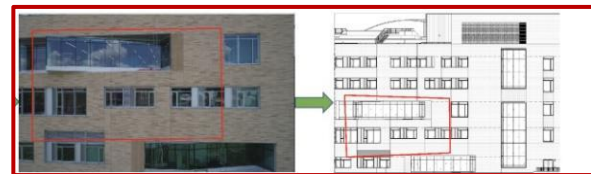
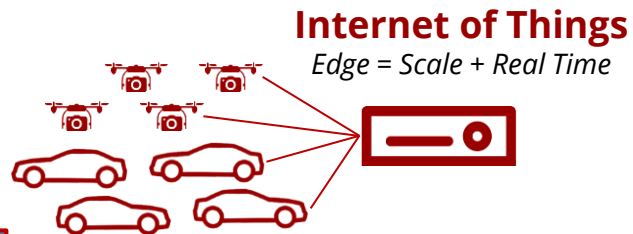
OpenRTiST



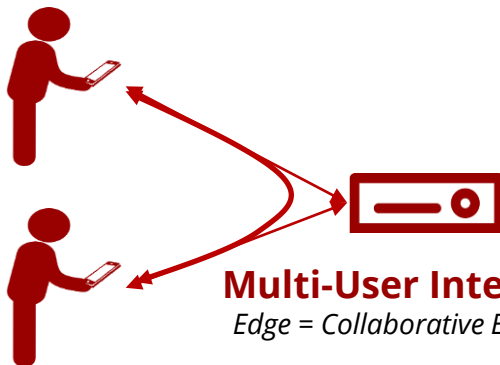
LiveMap



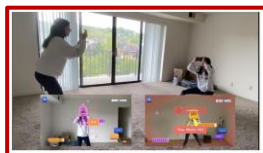
Mega-NeRF



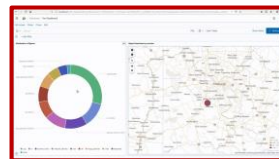
Drone Architect



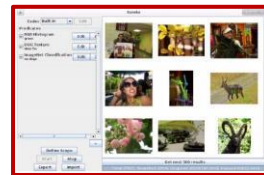
Multi-User Interactive
Edge = Collaborative Experience



V-Light



OpenScout



Eureka/Hawk

Edge Analytics
Edge = Bandwidth + Data Privacy



What's Changed? What Hasn't? What's New?



Open Edge Computing



Living Edge Lab

PROJECTS

Alignment	OEC Charter	CMU Research Directions
Working model	Workstreams and Direct Engagement	Direct Engagement
Multi-company	Prioritize	Encourage
Results Availability	Open to Members	Open to The World (mostly)

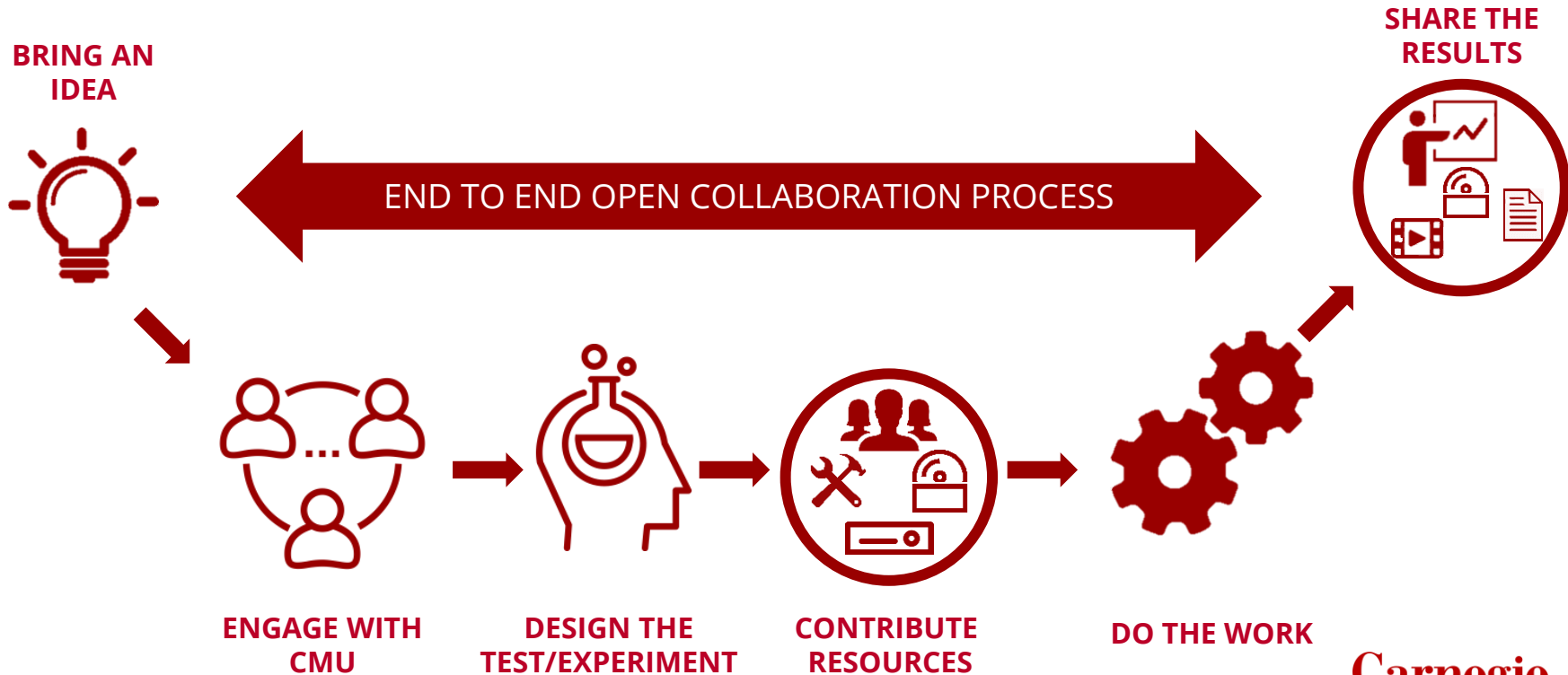
PARTICIPATION AND RESOURCES

Participation model	Members and Invited Guests	Project Supporters and Community Members
How to contribute	Annual OEC Membership via CMU Donation	Gifts or Research Contracts
Contribution Types	Money or In-Kind	Money or In-Kind

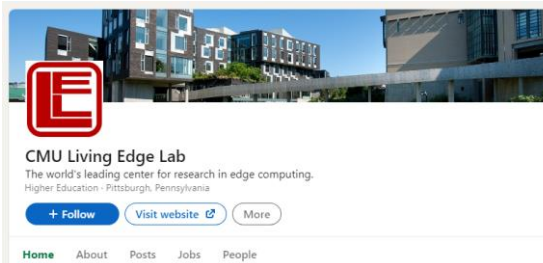
COLLABORATION AND COMMUNICATION

Communication	OEC website, Twitter, and email list	LEL website, LinkedIn, and email list
Events	Workshops, Bi-Weekly, Workstreams	Project meetings and occasional webinars

How to Engage with the Living Edge Lab



Living Edge Lab Resources



CMU LEL Website

For all our resources
<https://www.cmu.edu/scs/edgecomputing/index.html>

LinkedIn LEL Page

Please **follow** for news and updates
<https://www.linkedin.com/company/cmu-living-edge-lab/>

LinkedIn LEL Community

Please **join** for discussion
<https://www.linkedin.com/groups/12637303/>

Email

No Reply Mailing List: Used sparingly for events/announcements
 Opt-In and Opt-Out: <https://lists.andrew.cmu.edu/mailman/listinfo/lcl-community>

When all else fails: jblake1@andrew.cmu.edu or rolf.schuster@openedgecomputing.org

People of the Living Edge Lab



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Thank You!
