CASCADE is establishing a vibrant innovation ecosystem, which brings together partners in the industrial, government, and community sectors as well as academia. Our partners in the IT sector and challenge domains (including healthcare, energy, and security) play critical roles in shaping the center’s research and education directions. They help define technology scenarios, provide feedback on technology implementation of research projects as well as social and policy issues, provide testbeds for the center’s technology products, and help translate these products from proof-of-concept to the market through technology transfer and advice regarding commercialization and start-up ventures. CASCADE provides the following to its member companies:

- teams of PIs, center personnel, and graduate student working on relevant projects,
- access to research data, presentations, and reports,
- intellectual property agreements, including licenses and copyrightable materials
- participation in semi-annual meetings and workshops,
- seat in the consortium industrial advisory board,
- authorization to vote on research projects, and
- interactions with center faculty.

In addition, the Center aims to provide (a) summer and long-term internships for students, (b) visiting faculty programs, (c) embedded engineer and practitioner sabbatical programs through which representatives from industrial partners can spend some time in academia, (d) certificate programs to which partners can enroll, (e) an invited lecturer program, (f) industrial white papers, (g) developer workshops, (h) partner enablement & technology showcases.