Here are some recent activities happening within the Industrial Internet Consortium, where ***Things are Coming Together.***

Focus Programs

As we continue to build conversations around testbeds, use cases and other activities, IIC members continuously identify new topics, challenges and opportunities effecting applications of IoT across vertical industries. The result? A series of IIC Focus Programs that expand over a period of 3+ quarters and provide the opportunity to highlight member expertise and testbeds in select industries. Thus far in 2018 we've featured the Energy and Intelligent Transport Systems (ITS) sectors:

- Established new Automotive and Automotive Security Task Groups
- Laid the groundwork for ITS-related testbeds
- Exhibiting an Automotive Security Demonstrator at IoT Solutions World Congress (IOTSWC) and expanding for Hannover Messe 2019
- Hosted two Energy Forums and presented our Microgrid Testbed at global events
- Hosted an ITS parallel track during an the IIC quarterly meeting in September and kicked off discussions around new liaisons
- Hosted presentations and a panel of automotive experts, and
- Launched an End User Advisory Council including members working within the transportation sector

Upcoming, you can plan on the continuation of the ITS Focus Program addressing how modern customer demands, customization and responsiveness will require enabling technologies, process and performance innovations such as intelligent transport systems, adaptive machines, and learnings derived from IIC testbeds.

Events

Global Event Series

IIC's Global Event Series continues to offer world-class knowledge learning opportunities with featured speakers from around the globe. An Intelligent Manufacturing Solutions Forum was recently hosted by IIC at Hannover Messe USA, Chicago, co-located with the IMTS show. IIC member representatives from B&R Automation, Microsoft, SAS, and Xilinx presented along with their customers from IMA Automation Technology S.p.A., Emerson, GE Transportation, and Perrone Robotics. A representative from Wipro led a panel discussion with UL LLC, Entrust Datacard, Fraunhofer IOSB, B&R Automation and Xilinx.

Planning for the Q4 Global Event Series is underway with our co-hosts from China Academy of Information and Communications Technology (CAICT) and Huawei, and in partnership with the Alliance for Industrial Internet (AII). We anticipate a crowd of 500 for this November 16th Smart Manufacturing-themed event which is open exclusively to IIC and AII members and guests. There is still plenty of time to join the IIC and participate!

IoT Solutions World Congress

The Industrial Internet Consortium and Fira Barcelona partner once again to present the IoT Solutions World Congress. Now in its fourth year, this event has grown to become the global reference for industrial IoT. IIC members and IoT industry leaders are participating in many ways: program committee, keynote presentations, independent exhibits, session leadership, panel discussion and an IIC Member Pavilion on the exhibit floor. The October 16th - 18th event continues to grow and we look forward to announcing to the 14,000 visitors our new industry resource – the IIC Resource Hub.

Resource Hub

The IIC Resource Hub represents the body of knowledge and activities driven by the IIC members converged into a public resource that will arm the world with new tools in the IIoT strategic arsenal. To leverage this body of knowledge, we will introduce a web-based toolkit guiding users through the analysis and planning of their own IIoT project, providing actionable intelligence. A new interface to that library of knowledge, will make it easier to find the resources we have developed and forge the paths from testing to market, from architectures to standards, from evaluations to new business models and from on-line resources to IIoT experts. The Resource Hub Initiative will be launched at IoT Solutions World Congress on October 16, 2018.

End User Leadership Council

Senior level end users and implementers of IIoT technology joined a council of peers for an inaugural meeting of the IIC's End User Leadership Council. Representatives from Boeing, B&R Automation, Bosch Rexroth, Church & Dwight, Deere & Co., GE Aviation, GE Transportation and TRUMPF met face-to-face to share end user insights into implementation challenges and set the vision for the industry. We have a path forward for future meetings of the Council and encourage others to join. If interested, contact VP of Marketing, Kathy Walsh (walsh@iiconsortium.org).

Additional Resources

The ongoing efforts of the Industrial Internet Consortium are too numerous to follow without direct involvement. The more you participate, the more you will benefit. Here are some links to additional milestones.

> **IIC Testbeds** are where the innovation and opportunities of the Industrial Internet – new technologies, new applications, new products, new services, new processes – can be initiated,
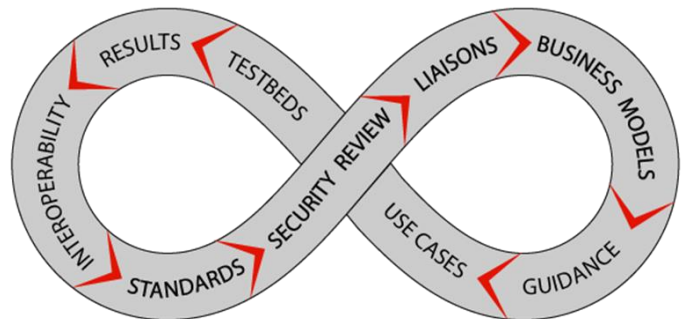
thought through, and rigorously tested to ascertain their usefulness and viability before coming to market. Learn more about all IIC testbeds in general and specific testbeds at www.iiconsortium.org/test-beds

Liaisons generate requirements for new standards from every part of the activities taking place within the Industrial Internet Consortium – from use cases to Reference Architecture to testbeds, by maintaining continuing communication channels, identifying domain expertise in user and industry groups that can provide use cases that help ensure our testbeds serve their domain. You may find information on all IIC Liaisons here: www.iiconsortium.org/liaisons

Publications – more than a dozen new thought-leading, collaborative publications were produced in Q3. You may find a complete list here: www.iiconsortium.org/white-papers

News and Milestones -- With over 6,200 media mentions and press coverage in the last 8 months, IIC testbeds and member companies generate significant recognition. Find media coverage here: www.iiconsortium.org/news/articles-publications.htm

Ecosystem at work -- IIC members realize pulling an ecosystem together with the shared purpose of seeking and testing transformational business outcomes is a worthwhile endeavor. Community. Collaboration. Convergence. Regardless of the hemisphere you call "home," it's pretty great when things come together.

> *"The biggest asset of IIC is the people. Many good people with a wide range of skill sets are contributing to the ecosystem. There is no other forum in the IoT industry that you can have in-depth strategic discussions, practical implementation (through testbeds), and the latest technical trends all addressed in one place. Best of all, the discussions are geared towards finding tangible solutions for real world's problems. The more you participate, the more you learn. It allows you to make decisions that are actionable. You're creating success for yourself, your company and your customers."*   *– Dr. Mitch Tseng, Huawei Technologies*

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