IoThinkTank | IOT AWARDS

INTELLIGENCE & SECURITY

IoT Digital Twin Innovation Award

Bridging Physical Systems and Digital Intelligence

ENTRY GUIDE

Award details, dates, and past winners: iothinktank.com/iot-digital-twin-innovation-award/



About the award

The IoT Digital Twin Innovation Award recognizes technologies and platforms that connect physical systems to dynamic digital models for deeper visibility, simulation, and decision making. As connected environments become more complex, digital twins are helping organizations better understand assets, processes, and infrastructure by pairing real-world data with intelligent virtual representations.

This award honors the solutions advancing digital twin capabilities across industrial, infrastructure, transportation, building, energy, and other connected environments. From real-time monitoring and simulation to predictive optimization and scenario planning, the most impactful innovations help organizations improve performance, reduce risk, and make smarter operational decisions.

Why IoT matters in digital twin innovation

Digital twins depend on a constant flow of trusted data from connected devices, sensors, and systems. IoT provides the real-time inputs that make digital models valuable, allowing organizations to monitor assets, simulate performance, detect issues early, and optimize operations with greater confidence.

Across industrial environments, smart buildings, energy systems, transportation networks, and infrastructure, IoT-powered digital twins are helping organizations move from reactive management to predictive intelligence. The IoT Digital Twin Innovation Award recognizes the technologies making this next generation of visibility and control possible.

Who should enter

- Digital twin platforms and software providers
- Infrastructure and asset visualization platforms
- IoT platforms enabling real-time digital models
- Transportation and mobility digital twin solutions
- Industrial simulation and modeling technologies
- Predictive monitoring and optimization solutions
- Connected building and facility twin technologies
- Organizations using connected data to power virtual asset intelligence

Entries are welcome from organizations developing or deploying digital twin solutions that use connected data to improve monitoring, simulation, planning, optimization, and operational intelligence.

What to include

Describe the physical system, digital model, connected data pipeline, synchronization approach, simulation or analytics capabilities, deployment scale, validation, and operational use. Explain the solution's technical approach, implementation maturity, integrations, scale, security, reliability, and practical value.

- Quantified improvements in planning speed, forecast accuracy, downtime, maintenance, energy use, risk, utilization, cost, performance, or decision quality
- Deployment details, including locations, devices, users, systems, operating conditions, and implementation timeline
- Customer, client, or end-user identification when the entry relies on a real-world deployment
- Supporting evidence, including case studies, performance data, dashboards, customer validation, images, videos, technical documents, or information URLs
- Any confidentiality, regulatory, embargo, or publicity restrictions

Supporting collateral should make the entry easier to verify and evaluate. Include the strongest evidence available, and clearly distinguish measured results from estimates, projections, or planned outcomes.

Eligibility

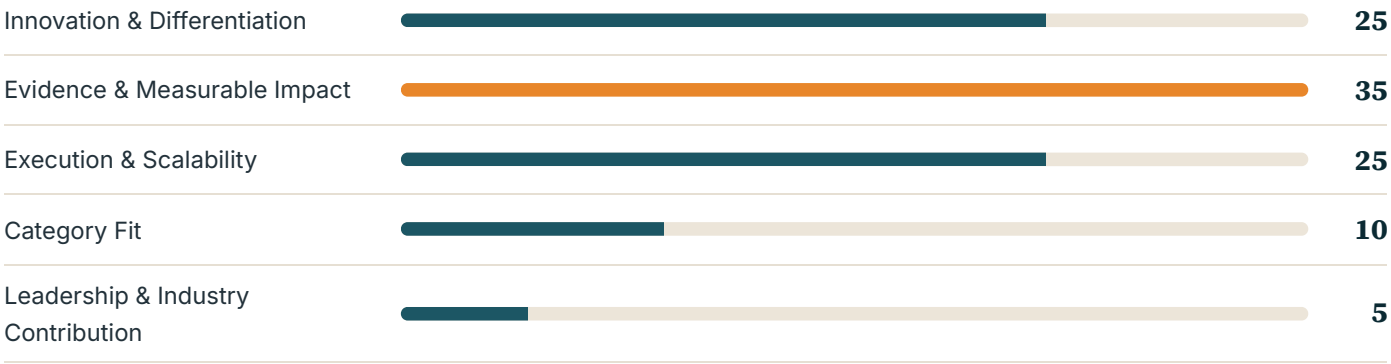
The award is open to organizations and individuals developing or deploying connected technologies in industrial sites, infrastructure, buildings, utilities, energy systems, transportation networks, campuses, and other connected environments. Commercial products, platforms, public-sector programs, research-led deployments, pilots, and customer implementations are eligible when the entry includes enough evidence for meaningful evaluation.

Submitted work should be active, deployed, launched, or meaningfully advanced during the current awards cycle. Entrants may submit their own solution or a customer deployment with appropriate authorization.

Each product, platform, deployment, or project requires a separate submission and entry fee.

How it's judged

Every entry is scored out of 100 on five criteria. This award uses the Product & Technology weighting, so evidence of real-world results counts most.



For this award, judges look for

- Innovation in digital twin technology, modeling, simulation, or connected system intelligence
- Demonstrated impact on operational visibility, planning, performance, risk reduction, or decision making
- Scalability across real-world deployments, assets, sites, systems, or environments
- Technical sophistication and reliability of the model, platform, data pipeline, or visualization layer
- Data quality and usability in translating connected inputs into actionable digital intelligence
- Contribution to IoT advancement through stronger simulation, prediction, optimization, or operational control

Tips for a strong entry

Lead with the problem and the result.
Open with what wasn't working and what changed because of your solution. Judges should know why it matters by the end of your first paragraph.

Put numbers on it.
Evidence carries the most weight in scoring. Give before-and-after figures, and say which results are measured and which are estimates.

Name the customer.
A real deployment with a named customer is the strongest proof you can offer. If the name can't be published, tell us in writing when you submit.

Show it working.
Case studies, dashboards, screenshots, short videos, and technical documents help judges verify what you describe.

Write for this award.
Explain why your work fits this category specifically. A strong entry for one award can score poorly in another if the fit isn't clear.

Keep it tight.
Clear, specific answers beat long ones. Cut anything that doesn't help a judge understand the solution or its results.

How to enter

1. **Prepare your entry.** Gather the required organization, contact, product, deployment, and supporting information before beginning the application.
2. **Complete the application.** Describe the solution, connected technology, deployment environment, integrations, measurable outcomes, and supporting evidence.
3. **Submit payment.** The entry fee is charged when the application is submitted. Entries are not complete until payment is received.

You can save a draft and finish it anytime before the deadline. Deadlines close at 11:59 pm Pacific.

Current dates and fees

Entry dates and fees change each cycle. Find them, and get an email when entries open, on the award page.

iothinktank.com/iot-digital-twin-innovation-award/

Past winners

2026 WINNER

Dubai Municipality

Dubai Municipality won the 2026 IoT Digital Twin Innovation Award for Dubai Digital Twin, a city-scale platform that brings together geospatial information, three-dimensional modeling, connected data, simulation, and operational intelligence to support smarter planning and decision making across the Emirate of Dubai.

What winners get

- ✓ Recognition across IoThinkTank digital channels
- ✓ Official winner badge
- ✓ Dedicated winners page and newsroom coverage
- ✓ Visibility within the broader IoT community

Entry fees are charged at submission and are non-refundable. Customer or client identity should be included in your submission. If you need names excluded from public materials, notify us in writing at the time of submission. By submitting, you agree to the **Submission Guidelines**, **Privacy Policy**, and **Terms and Conditions**. IoThinkTank Awards are independent and unaffiliated with other award programs. Questions? Contact **awards@iothinktank.com**.