



## ARCH FREES DATA TRAPPED IN FACTORIES, EQUIPMENT, AND THE WORLD AROUND US

Our modular technology allows you to quickly and cost-effectively retrofit your existing equipment to gain real-time visibility, improve utilization, and add analytics, to optimize business performance.

We talk machine languages from pulses and current/voltage to Modbus and Ethernet and provide a variety of sensor options. With SensorGraph we transform digital streams into actionable data and make all machines talk the same language.

Contact us today to see how we can upgrade your legacy machines to digital assets.

Learn more about our [Products](#) and [Solutions](#).

SCHEDULE A CALL

# High-Value Shipments

Solutions / High-Value Shipments



CRADLE TO GRAVE TRACKING AND  
INTELLIGENCE FOR HIGH-VALUE AND  
IMPORTANT SHIPMENTS



## 1. TOP-END SENSORS AT AN AFFORDABLE PRICE

Top-end motion detection (shock, vibration), temperature, humidity, pressure, and/or location. Radically low prices made possible by our patented modular solution.



## 2. CONNECTIVITY ACROSS THE SUPPLY CHAIN

Pick the right connectivity for the job. Bluetooth trackers and our cross-platform WiFi / cellular / Ethernet gateway provide options to optimize your supply chain network.



## 3. CUSTOM CONFIGURED APPLICATIONS

We partner with companies to make premium applications. We custom configure our shipping tracker application for you, or you can use our API to build your own.

Arch is trusted by Fortune 500 shippers sending the most valuable and fragile products around the world. We analyze high-precision motion data and environmental variables, such as temperature, humidity, and pressure, to alert you to problems.

Customer partnerships have driven the creation of an easy-to-use product that streamlines and automates much of the traditional shipment tracking process. Arch Systems' disruptively low-cost, Bluetooth® shipping tracker enables remote data upload through the crate, automated trip analysis and alerts, in a cloud-based system customized to your needs.

Arch offers multiple connectivity options from Bluetooth trackers, to LoRa (beta) to cellular plans. Bluetooth trackers work with any smart phone for interactive and low-cost solutions, while our cellular plans provide real-time connectivity for our gateways anywhere in the world. The Arch gateway systems enable automatic package tracking in your logistics hubs.

Gain visibility across your supply chain, minimize damage claims, and reduce your insurance premiums. Increase customer satisfaction and decrease costs by identifying and fixing shipping damage before the shipment reaches your customer.

BUY NOW

## About Arch Systems

Back in 2011, Arch's CTO and Cofounder, Tim Burke, was in Tanzania trying to help rural village dwellers have access to clean drinking water. Previously, the focus had been on drilling new wells, but now they were aware of an alarming fact: 40% of the already-built wells would be broken at any given time! In fact, all across Sub-Saharan Africa, over 80% of such wells were broken, helping no one.

To solve this, he and his team endeavored to build an ultra-low-cost cellular monitoring system that could leapfrog traditional utilities the way cellular phones had leapfrogged landlines.

But the technology just wasn't there.

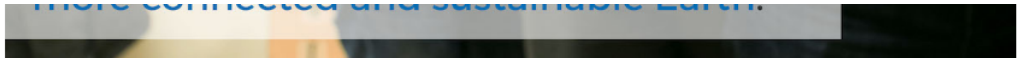
In 2015, Andrew Scheuermann and Tim Burke, who did their PhDs together at Stanford, founded Arch to provide that technology, and in 2016 wells serving up to 10,000 people were equipped in Tanzania.



The problem in Africa is not unique. Rather, people all over the world recognize such opportunities and are trying to build smart, connected infrastructure but lack the tools and resources necessary to do the job.



Our mission is to empower the innovative to design and deploy Industrial IoT for a more connected and sustainable Earth



Arch provides a device-to-cloud platform and partners with industrial thought leaders to define and implement cutting-edge IoT systems. With a novel IOTile™ framework, custom-configured wireless devices are produced 5x faster and 10x cheaper than ever before. Arch's modular technology overcomes the challenge of the diverse physical world to provide simple and secure access for the industrial internet.



The Arch team is defining the next wave of connected computing technology with four key principles in mind:

- 1. Empowerment - We empower our partners to design their own IoT applications
- 2. Execution - We build hardware like software, lean and fast from prototype to production
- 3. Evolution - We make industrial-grade products that are upgradeable
- 4. Everywhere - We are open API and open source



**We hope you'll consider joining us in this great effort to make a more connected and sustainable Earth.**

**INTERESTED IN JOINING THE TEAM?**

We are always looking for talented people. [Click here](#) to see our current openings!

**Our Address**

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