

# UNLOCK THE POWER OF DATA



*with IOT Solutions from:*

## PURDUE RESEARCH AND HEALTH TECHNOLOGY SERVICES (RHTS)

***Are you looking for real-time insights, historical data or comprehensive monitoring for your research?*** Purdue IT's IoT solutions offer a seamless way to harness the potential of sensors, tailored specifically for your needs.

With our advanced dashboards and notification systems, you can effortlessly monitor a wide array of data points—whether it's for laboratories, freezers, crops or specialized equipment. Imagine having the ability to access crucial data from anywhere with an internet connection, keeping you informed of any changes that could impact your research outcomes.

RHTS makes data visualization easy and intuitive. View your findings in customized charts and graphs or export your data in CSV or Excel formats for deeper analysis. Plus, with our robust backup systems, you can rest easy knowing that your valuable data is secure.

Let us handle the technical complexities while you focus on what matters most — your research. Collaborate with RHTS for a reliable, efficient and user-friendly sensor solution that empowers your work and enhances your discoveries. Your data is our priority; let's work together to bring your vision to life!

### Comprehensive Monitoring Capabilities

Stay ahead of the curve with our extensive monitoring options, including:

- Temperature
- Humidity
- Water-leak detection
- Water flow
- Sound levels
- Battery voltage
- Door open/close status
- Soil moisture
- Light
- Motion detection
- Water level
- GPS location
- Solar voltage



**PURDUE**  
UNIVERSITY®

College of Agriculture

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*The possibilities are limitless and continually expanding. With our cutting-edge technology, you can tailor your monitoring solutions to meet specific needs and unlock new insights.*

### Current Coverage Overview

- College of Agriculture campus
- ACRE
- ASREC
- Daniel Turf Center
- Student Farm
- Pinney Agricultural Center
- Throckmorton Agricultural Center
- Southwest Agricultural Center

We also have mobile units that we can deploy anywhere!

#### What are the costs?

*Sensors start at \$20 and go up from there, based on model and data measured.*



### One User's Experience

*"Our collaboration with Purdue RHTS enabled us to select and acquire the right sensors and develop a dashboard for easy data visualization. This dashboard allows us to monitor field or greenhouse conditions remotely without an annual fee. We sometimes use LoRa sensors as a backup to ensure data continuity."*

**Mariela Fernandez Campos**

*PhD candidate  
Botany and Plant Pathology*

**Ready to learn more?**

**Contact Purdue IoT at: [PurdueIoT@groups.purdue.edu](mailto:PurdueIoT@groups.purdue.edu)  
for a consultation**

Scan QR code  
to view real-time  
demonstrations.

