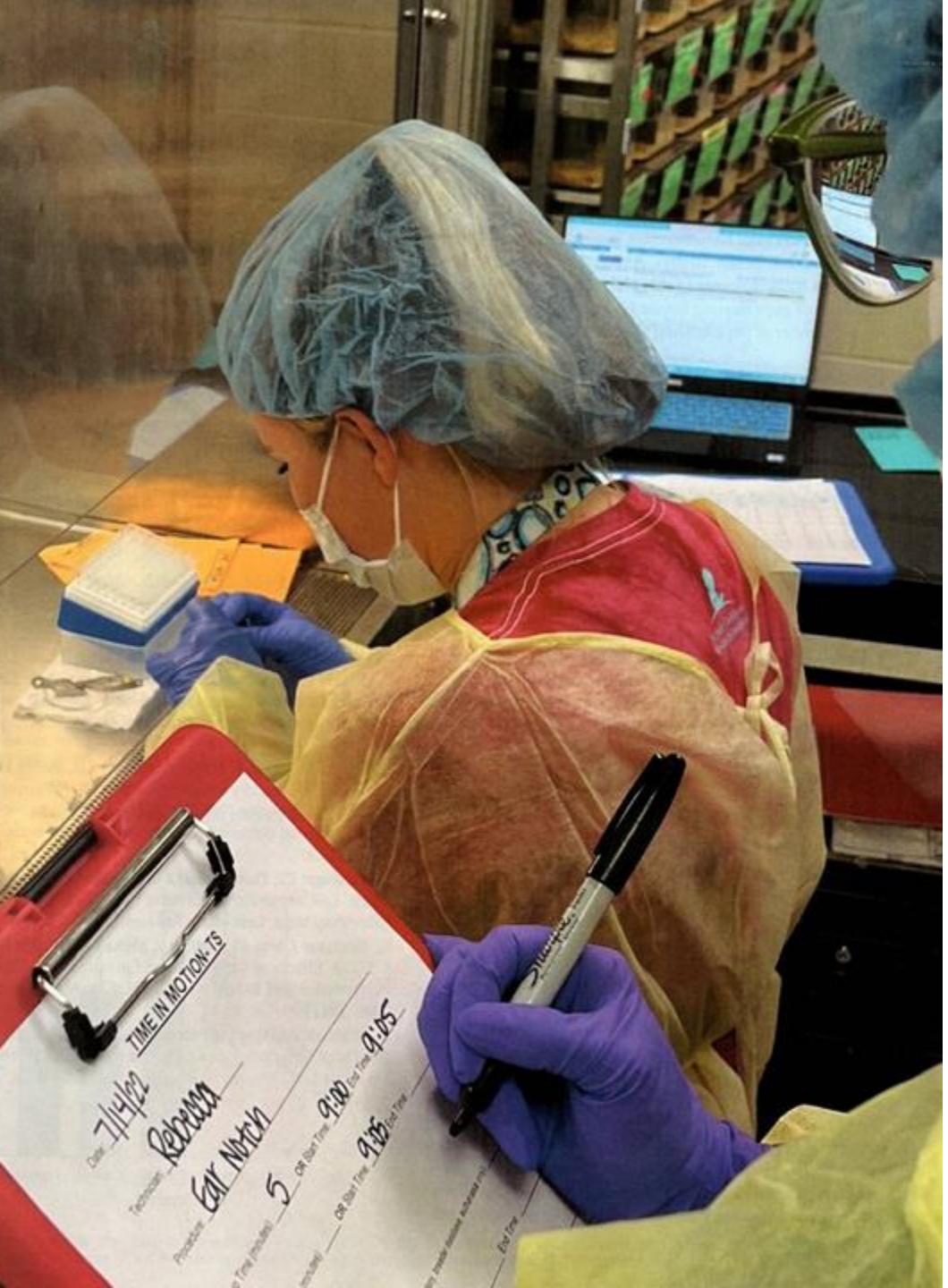
Welcome to LabVoice

AI-Powered Automation for the Laboratory



LabVoice

Our vision is to enable AI technology in the laboratory to make science easier, more efficient, more digital, and more accurate

An AI-Powered Solution to Automate Scientific Processes

Digitally transform your workflows with a **Process Designer**

Leverage **multimodal accurate and efficient data capture** in the lab, e.g. *Voice* || *Barcode Scanning* || *Image Recognition* || *AI Tools*

Seamlessly connect with your infrastructure to optimize the flow of information with **instruments and software**

Analyze operations through dashboards & metadata **to measure and improve performance**

Breadth of Uses

Lab Animal Science

- Animal Injection Records
- Cage Checks
- Necropsy Reports
- Tumor Measurements
- Dosing Records
- in vivo Software Integration
- RapID Tag Scanning
- Birth Check
- PK Dosing
- Animal Measurements
- Census
- Time-in-Motion Studies

Sample & Compound Management

- Sample Lookup
- Manual Sample Picking
- Inventory Integrations
- Sample Accessioning
- Robotics/Instr. Voice Control
- Manifest/Order Check
- ELN Sample Characterization
- Container Data Lookup
- Create Container
- Dissolution & Transfers

Routine Labwork

- Assay Results Collection
- ELN Material Weighing
- Pipetting
- Dilution Calculations
- Analytical Testing
- Direct Excel / ELN Entry
- ELN Experiment Creation
- Solution/Buffer Prep
- Cell Counting
- Cell Transduction
- Ordering Supplies
- pH Sampling

Lab Ops

- Maintenance Instructions
- Instrument Calibration
- Check Equip QC Status
- Ordering Supplies
- Spill Reporting & Documentation

Click on the underlined text to see a demo video

Case Study In A Large Pharmaceuticals Organization

The in-vivo department is looking to increase its capacity, automate operations & assays, and digitally transform its Vivarium.

Tonometer reading assay case

Tonometers have a mechanical tip that measures the force of a probe rebounding off the mice or rabbits eye

Problem

Tonometer reading traditionally requires 2 FTE to read/transcribe measurements or frequent memorization of readouts

Solution & Impact

LabVoice was introduced to enable hands-free, voice-guided tonometer-reading workflow for data capture and process standardization.

Current Throughput

2	140	8
FTE	Mice/wk	Hrs/wk

Benefits

~416	Increased accuracy of measurements
Hours saved per year	

Additional Value From Automation

Sustainability

Savings on paper & PPE

Minimize experiment repetition

Data Quality

Higher fidelity data

Greater data collection

Compliance

Fewer, & better documented, deviations

Process standardization

Contamination

Improved biosecurity

Improved efficiency in sensitive facilities

Systems Access

Maximize use of scientific software

More complete records