



INFORMATION TECHNOLOGY SERVICES



Scientific Equipment Portal

Asset Management and Web Portal

Problem with legacy system

- **Controller's OMNI system has >4000 items**
- **Cost range \$50k to \$12 M totaling \$135 M**
- **Data emphasis on equipment inventory**
- **Not from a scientific/usage perspective**
- **Department-wide description variable**



What was needed

- **A gateway to all FSU Scientific Facilities and its Resources**
 - Both human and instrument
- **Data emphasis from user perspective**
- **Multiple ways to arrive at same information**
- **Unified university-wide single top level web site**



Why we needed it?

- **More efficient use of existing scientific equipment**
- **Avoid unnecessary duplication – Allow purchase of additional equipment**
- **Identify manufacturers in order to consolidate service agreements**
- **Maintain periodic and routine maintenance schedule**
- **Keep use and maintenance on-line**
- **Make available user comments and maintenance history**
- **Increased access to existing Scientific Facilities**

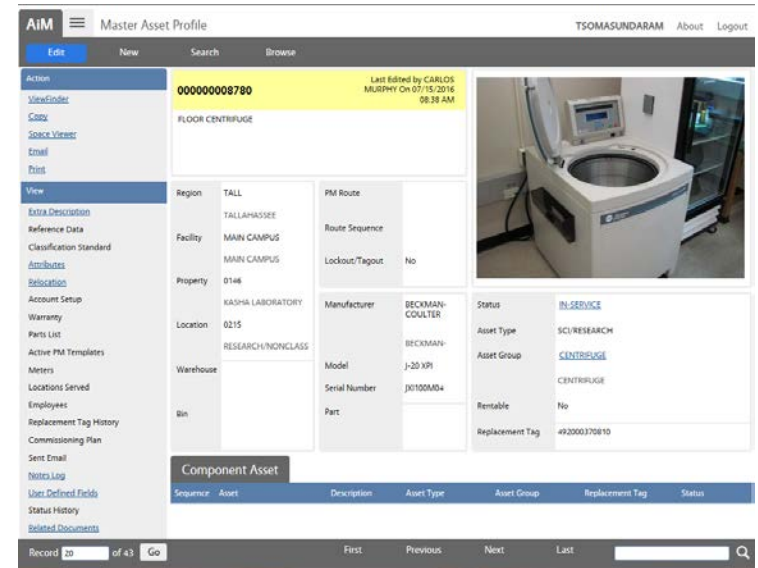
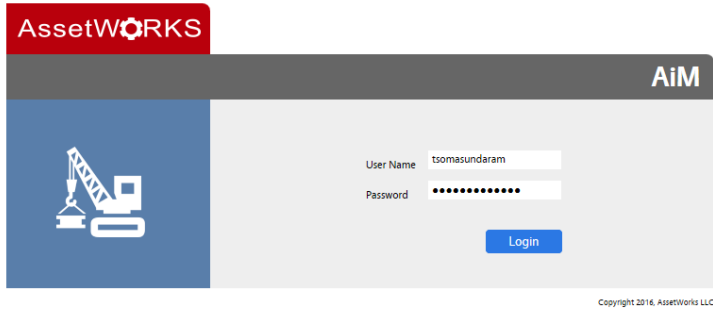


Two Sides of the Solution

- **Admin – AiM Database**
 - **Source for information being displayed on web site**
 - **Manage research equipment**
 - **Enter new equipment**
 - **Update information**
 - **Internal only**
 - **Login required using FSUID**
 - **Detailed reporting**
- **Public – Web Site**
 - **HTML Responsive design**
 - **Viewable on computer, phone, tablet**
 - **Publicly available internally and externally**
 - **Easy to navigate search**
 - **Share search results with one click**
 - **View only**
 - **Recommend updates/edits to asset owner easily**



Leveraged FSU's AiM Database



Developed a new Web Interface

The screenshot shows a web interface for Florida State University's Scientific Equipment. The header includes the university name and logo. The main content area features a search bar with the placeholder text "Search Scientific Equipment", a search button, and links for "View All" and "Reset". Below the search bar, there are three dropdown menus labeled "Group", "Facility", and "Department", each with "Any" selected. A "GO!" button is positioned to the right of these filters. A link "Add Your Equipment" is located below the filters. The footer contains contact information for Florida State University, links for "Questions or Comments", "Privacy Policy", and "Copyright", "FSU Directory Assistance" with the phone number "850-644-2525", and social media icons for Facebook, Instagram, Twitter, YouTube, LinkedIn, and a plus sign for more options.

FLORIDA STATE UNIVERSITY

SCIENTIFIC EQUIPMENT

Search Scientific Equipment [View All](#) [Reset](#)

OR

Group:
Facility:
Department:

[Add Your Equipment](#)

Florida State University
600 W. College Avenue
Tallahassee, FL 32306

Questions or Comments
Privacy Policy
Copyright

FSU Directory Assistance
850-644-2525

[f](#) [ig](#) [t](#) [yt](#) [in](#) [+](#)



Features added using user input

FLORIDA STATE UNIVERSITY

SCIENTIFIC EQUIPMENT

< Back to Search
Share Results

1 results found for search criteria: detector
Filters: ACTIVE ✕ AGILENT ✕

Group (10)
Manufacturer (13)
Department (6)
Facility (4)
Building (6)
Location (6)
Contact Name (4)
▼ Conditions (3)
 ACTIVE
 INACTIVE
 MAINTENANCE
Hours (3)

Title: EVAPORATIVE LIGHT SCATTERING DETECTOR Available ✓

Group: HPLC DETECTOR
Manufacturer: AGILENT
Department: Chemistry & Biochemistry
Facility: MASS SPEC LAB
Location: CHEMICAL SCIENCE LABORATORIES 0116
Hours: SCHEDULED
Contact Name: UMESH GOLI
Description: DETECTOR EVAPORTIVE LIGHT A380
More

Dynamically update results



Features: Asset Details

Title: DIODE ARRAY ✓ Available

Group: HPLC DETECTOR
Department: Med Facilities & Oper Archive

Description: DETECTOR DIODE ARRAY 1260 VL

Location: COM -RESEARCH BLDG 1331

Facility Name: TRANSLATIONAL SCIENCE LAB

Contact: ROGER MERCER
☎ 850-645-9598
✉ ROGER.MERCER@MED.FSU.EDU

Manufacturer: INFINITY
Model #: 1260

Usage Hours: RESTRICTED
Restrictions: RESTRICTED
Cost: N/A
Notes:

Documents:
No documents on file for this asset.

Photos:

Suggest an Edit Share Asset ◀ Previous Next ▶

Facility: ANALYTICAL LAB

ARCH BLDG 1331
R MERCER
More
Available ✓
SCIENCE LABORATORIES 0116
H GOLI
More
Available ✓
SCIENCE BUILDING 2014
MARET SEAVY
Available ✓



DEMO



Next Steps: Integration with FSU-Wide Business Processes

Future Enhancements

- Consolidate service contracts
 - Inside of AiM
- Rent/cost recovery from external use from external users

Expanding into other areas

- Personal Property Registration (FSUPD)
 - Match lost or stolen items
- University Assets (DRP)
- Fac/Staff Directory



University Strategic Goals

- **Goal 1 - Deepening our Distinctive Commitment to Continuous Innovation**
- **Goal 2 - Amplifying Excellence Across our Academic and Research Programs**
- **Goal 6 - Investing Strategically in Our Institution and Reputation**

