National Oceanographic Data Center
Information Systems & Management

ISMD designs, procures, builds, and maintains NODC's computing infrastructure, desktops, servers, and networks. Our governing principle is protecting overall system health. Infrastructure health and stability is critical to NODC's mission; ISMD provides many essential services to accomplish this goal.

Network Security:

- Code audits
- Security policy
- Remote access
- Critical software upgrades
- Contingency & disaster recovery
- Firewall configuration & maintenance

Desktop Support:

- Educate and counsel users
- Design of and requisition for new systems
- Set and enforce desktop system policies
- Set up and maintain desktop systems
- Contribute to office support and IT security policy advisory committees for NESDIS

Archive Management:

- Ensure integrity of NODC digital archive
- Ensure access to NODC digital archive
- Preserve, protect, and distribute data
- Data rescue and recovery

Web Development:

- Section 508c compliance
- User interface and usability
- Web usage and statistics
- Online outreach and communication
- Web application development