* The Systems Integration Branch (SIB) of NOAA provides management and regional policy for:
- Integration
- Utilization
- Operation
- Management
 of
- Computers
- *Electronic weather equipment*
- Telecommunications
- Facilities
* This branch manages the final phases of equipment installation and provides maintenance support for:
- Radar (Profiler)
- Satellite tracking
- Interrogation systems
- Upper air rawinsonde equipment
- Surface observation instrumentation
* The branch also provides regional management of all national programs such as:
- Automated Surface Observing System (ASOS)
- Advanced Weather Interactive Processing System (AWIPS)
- NOAA Weather Radio (NWR)
- NOAA Weather Wire Service (NWWS)
* SIB establishes the regional procedures to implement national policy
* SIB establishes regional policy for unique regional issues in the operational systems area
* SIB Chief serves as liaison w/ the Office of Operational Systems, other agencies (both Federal, State, and Local), media, private sector, other regions, the public, and academia
- The Chief also provides regional configuration management and can change management control for all operational weather systems
* The Branch provides expertise and technical guidance on:
- Technological applications of proven concept in:
• The acquisition
• Processing
• Dissemination of:
_ Meteorological
_ Climatological
_ Hydrological
_ Related oceanographic data
- Management information systems
* SIB is responsible for operation and maintenance of regional satellite receiving station used to provide polar orbiting data to users in the region
* SIB administers the service contract for regional satellite systems services.
- This contract provides real time satellite data to internal and external customers

* 3 major programs are run from SIB
  - Facilities Maintenance Program
    • Maintains and supports existing facilities
    • The manager provides support for maintenance and construction of all regional facilities
    • Establishes regional procedures to implement national policy
    • Provide ongoing maintenance
    • Mange special projects
    • Provide regional engineering support
  - Electronics Maintenance Program
    • Responsible for full lifecycle management, data acquisition, and data dissemination systems
    • Responsible for establishing regional policy in the area of electronics maintenance
    • Has a subdivision: Electronics Maintenance Unit (EMU)
      _ Responsible for the equipment at each remote weather office
      _ Responsible for repair, maintenance, installation, removal, and relocation of all electronic and electromechanical equipment
  - Information Technology Management Program
    • Has a few subdivisions that build it up:
      _ Regional Telecommunications
      _ Web Services, Applications Development, and Office Automation
      _ Advanced Weather Information Processing System (AWIPS)
      _ Computer Management Unit (CMU)