

MIRS Multi-Stage Process and Data Flow

-Fusion of Heritage and Advanced Products-

MIRS Development Team

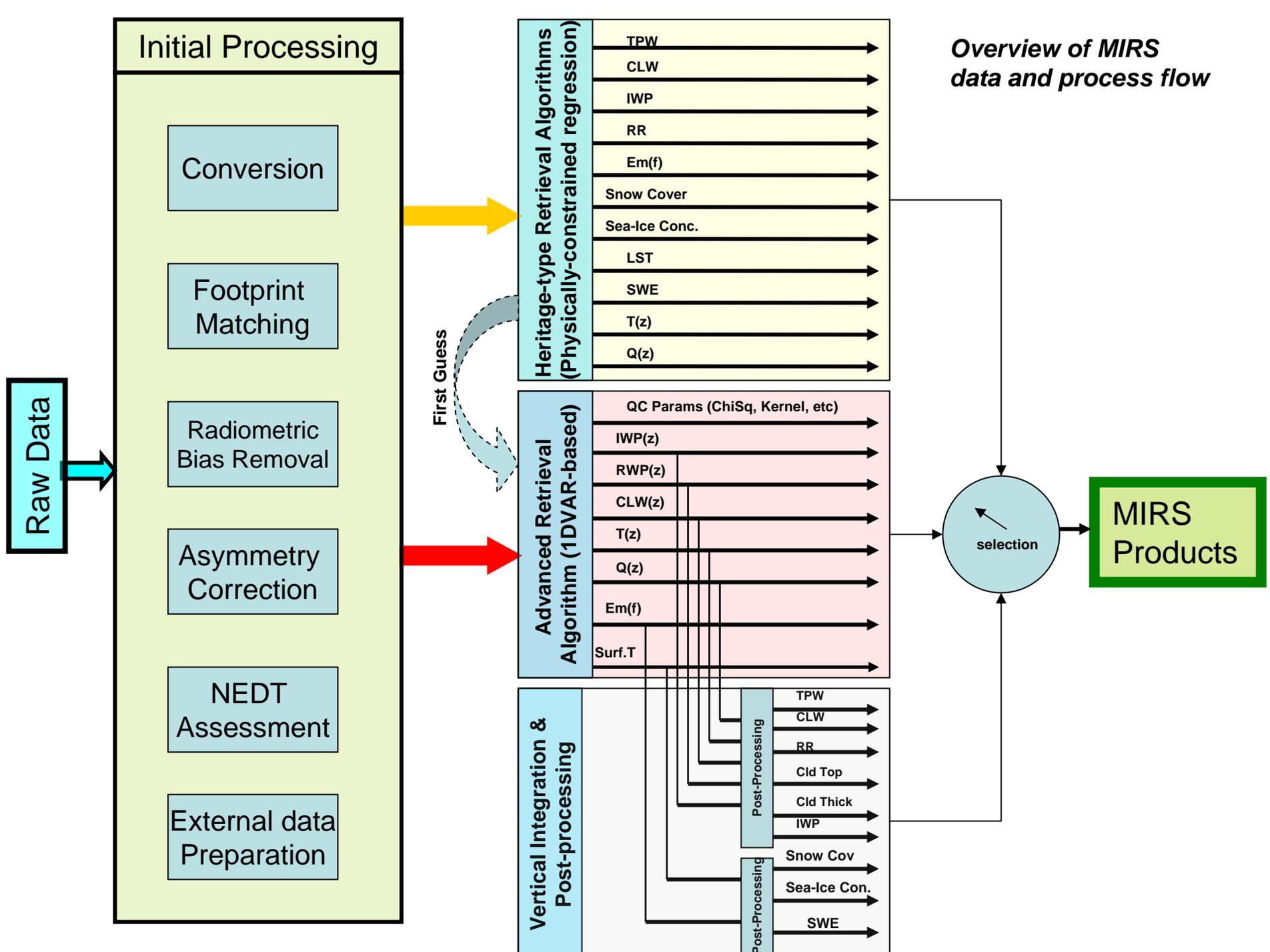
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MIRS Oversight Board

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Overall Concept

- Designed for all microwave sensors
- Framework for integrating microwave algorithms, based on different technologies
- Ensure smooth transition between heritage and advanced products
- Introduction of new products
- Ease of maintenance, monitoring and operational implementation



Smooth Transition

- The selection process is based on the validation of the products.
- This transition will be multi-phased
 - **Phase 1:** Heritage products + T profiles from 1dvar (validated)
 - **Phase 2:** Replacement of existing heritage products by advanced products when these are validated (TPW, CLW, LST, etc)
 - **Phase 3:** Introduction of the advanced novel products when they are validated: hydrom. profiles, full-emissivity spectrum, etc