

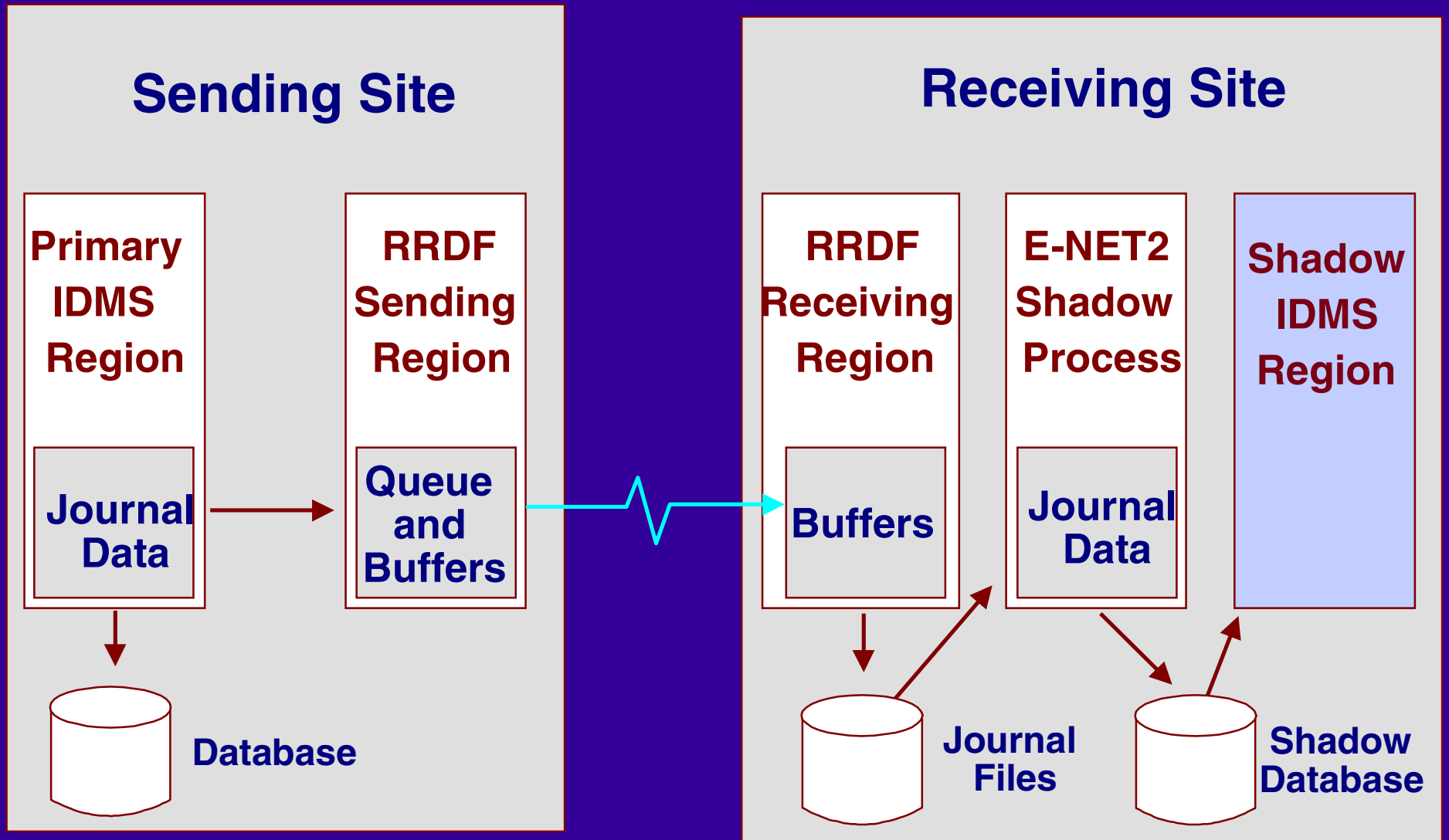
# **E-NET2**

## **IDMS Shadow Database Facility**

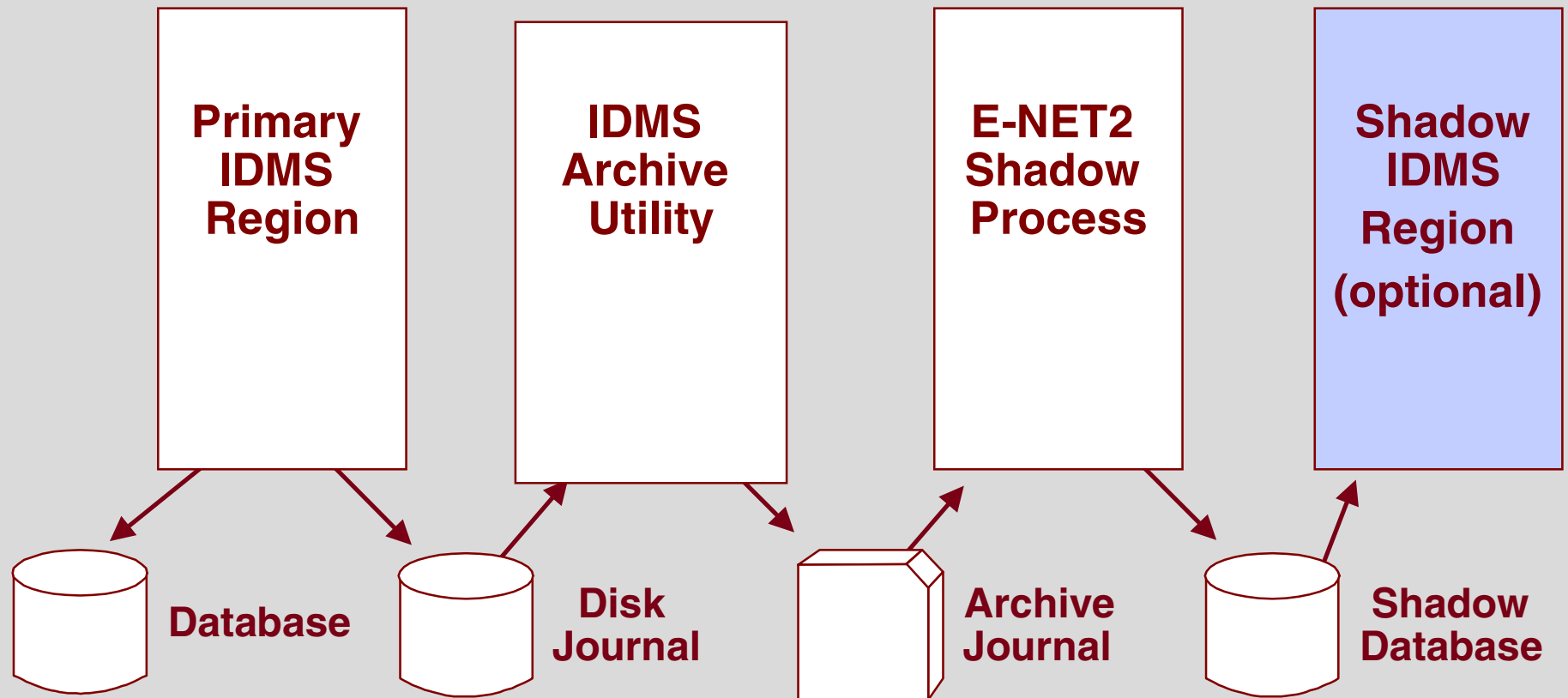
## E-NET2 Objectives

- ◆ **Maintain replica of CA-IDMS database**
  - ◆ Remote: with RRDF
  - ◆ Local: uses CA-IDMS journals
- ◆ **Provide fast recovery**
- ◆ **Enhance availability**
- ◆ **Work with CA-IDMS roll forward utility**
- ◆ **Support IDMS 10.2, 12.0, 14.0**

# Remote Shadowing Components



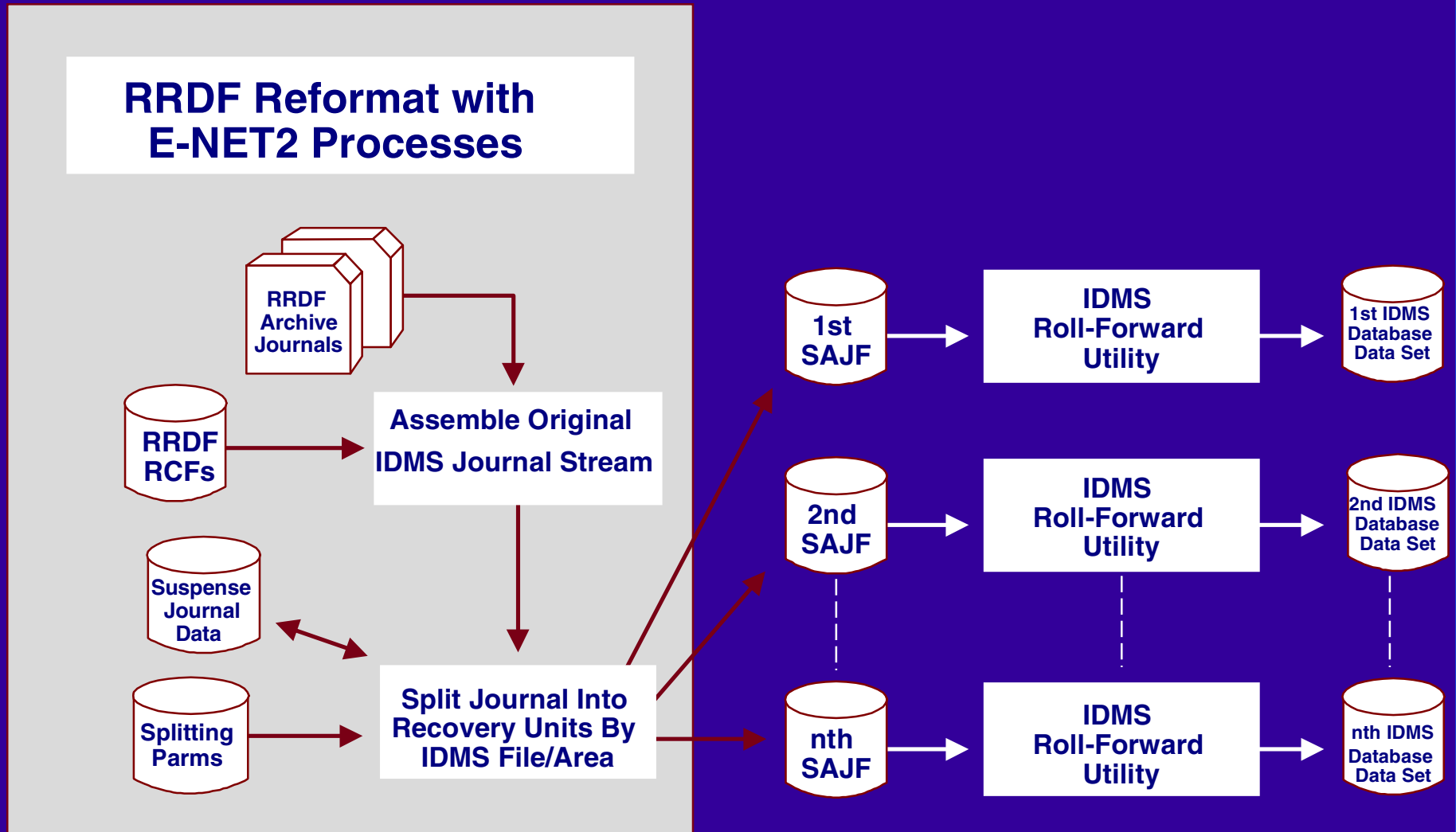
# Local Shadowing Components



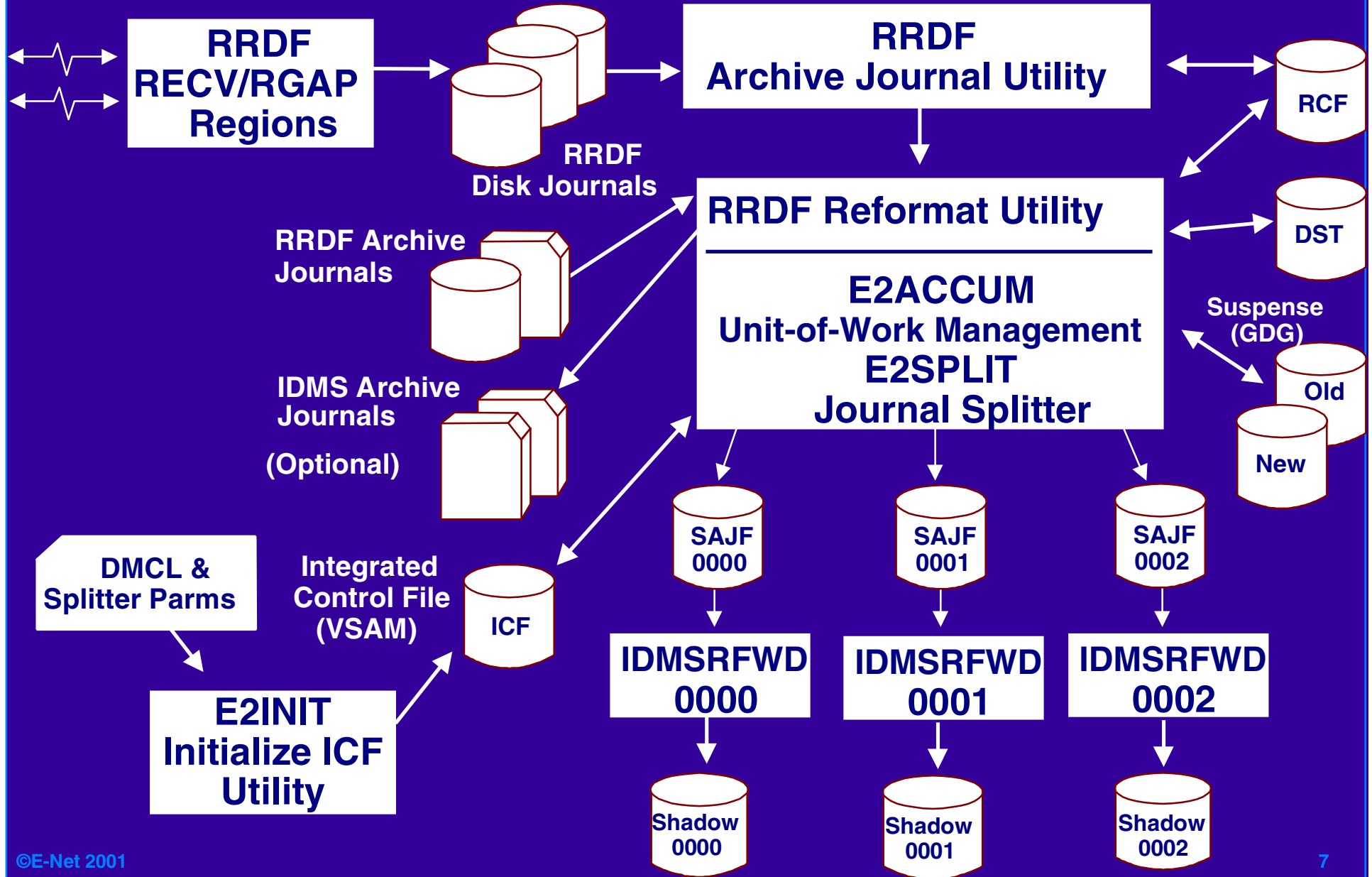
## **E-NET2 Features**

- ◆ **Aborted recovery-units discarded**
- ◆ **In-flight recovery-units suspended**
- ◆ **Simple recovery from failures**
- ◆ **Journal splitting permits parallel roll-forward**
- ◆ **Automated submission of roll-forward jobs**
- ◆ **Frequency of execution independent of production site archiving**

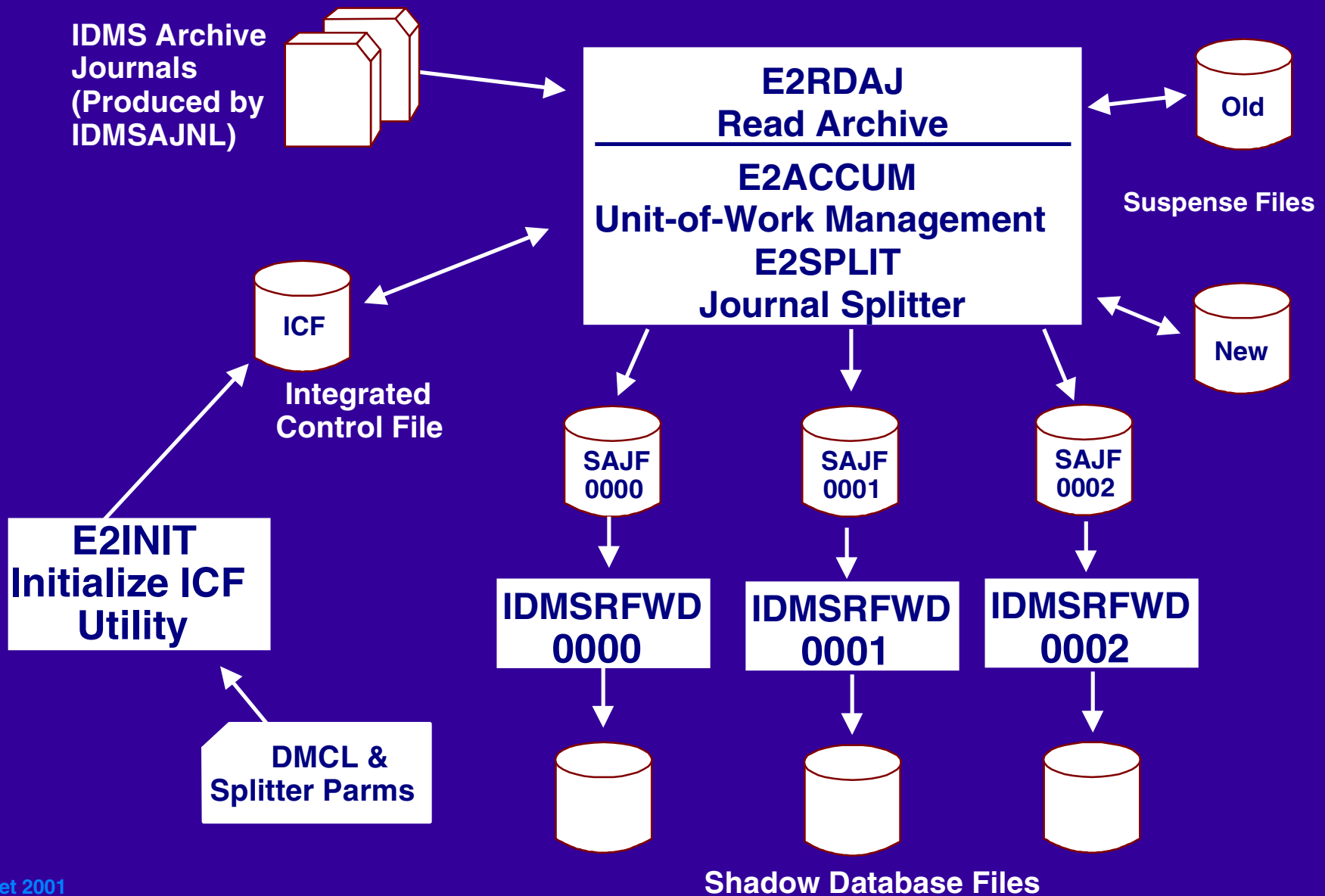
# Remote Shadowing Process



# Remote Shadowing - Detailed Schematic



# Local Shadowing - Detailed Schematic





# Business Solutions

- ◆ **Fast recovery**
- ◆ **Availability**
- ◆ **Data mining applications**
- ◆ **Source for audit purposes**
- ◆ **Enhanced backup**
- ◆ **Journal splitting**
- ◆ **Batch reporting**