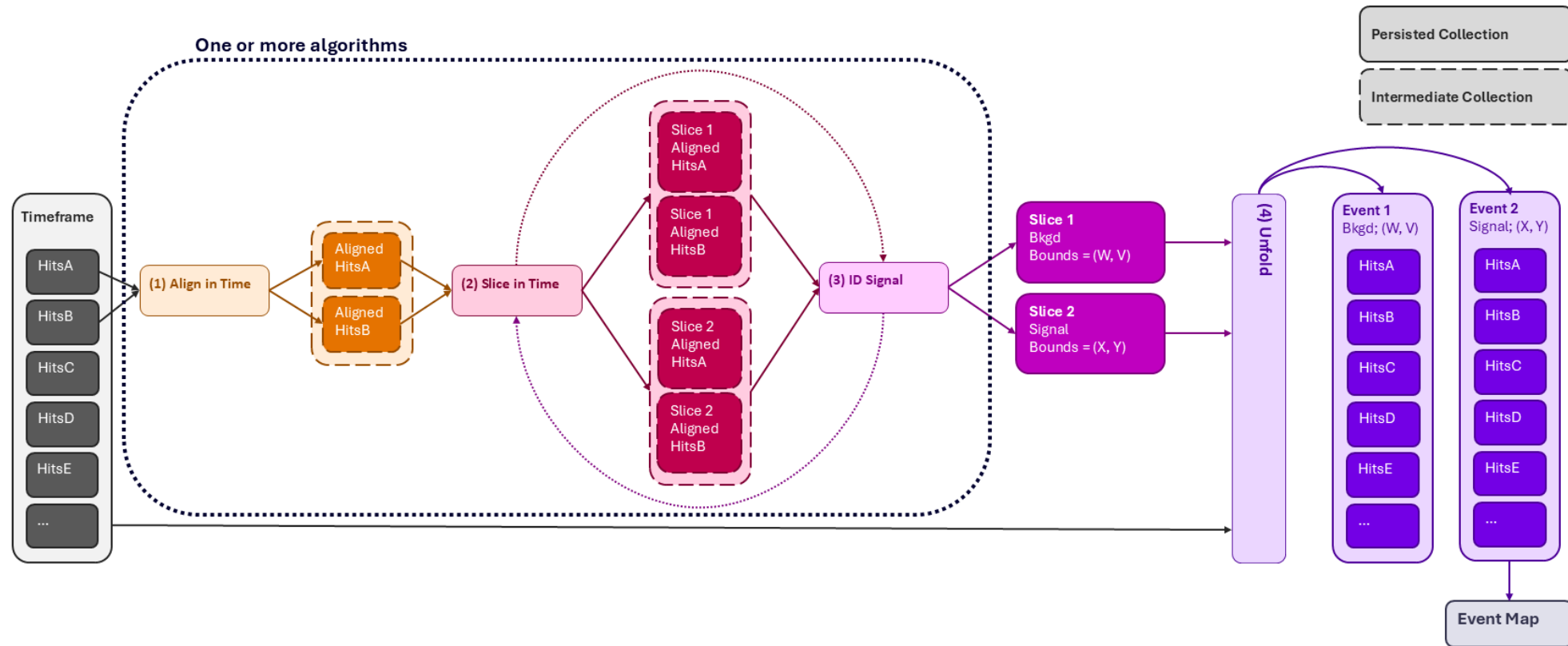
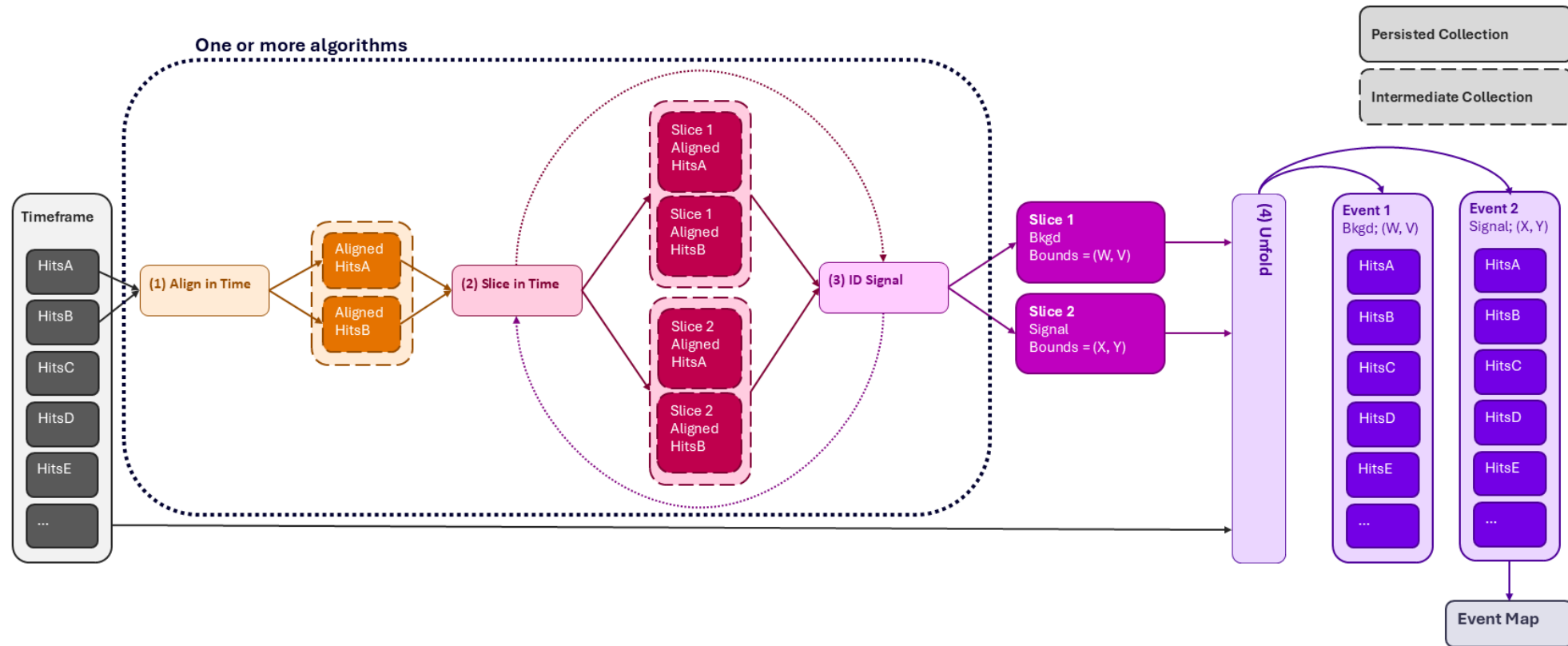
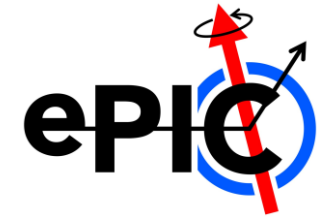


Timeslice Strawman V3 | Minimum-Viable Product



- **Above:** updated timeslice strawman after feedback
 - Dotted lines indicate areas to evolve after MVP (e.g. iterative slicing, separating pieces of splitting algo)
 - Dashed lines indicate intermediate collections
 - Slice signal/bkgd ID + bounds container still TBD
- **Minimum Viable Product (MVP):** aligning & splitting are algorithm(-like)
 - Alignment happens only on collections needed for splitting
 - Splitting (slicing + signal/bkgd ID) happens in one algo, ingesting only needed collections & emitting slice bounds/IDs
 - Unfolding happens outside splitting algo

Timeslice Strawman V3 | Target Interfaces



(1/2/3) Slign/Slice in Time + ID Signal

```
app→Add(JOmnifactory<MultiplicitySlicer>(
    "SliceBounds",
    {"HitsA", "HitsB"},
    {"SliceBounds"},
    {}, JEventLevel::Timeslice
));
```

(4) Unfold

```
app→Add(JSplitter(
    {"SliceBounds"}, // how to slice
    {"HitsA", "HitsB", "HitsC", ...}, // what to slice
));
```