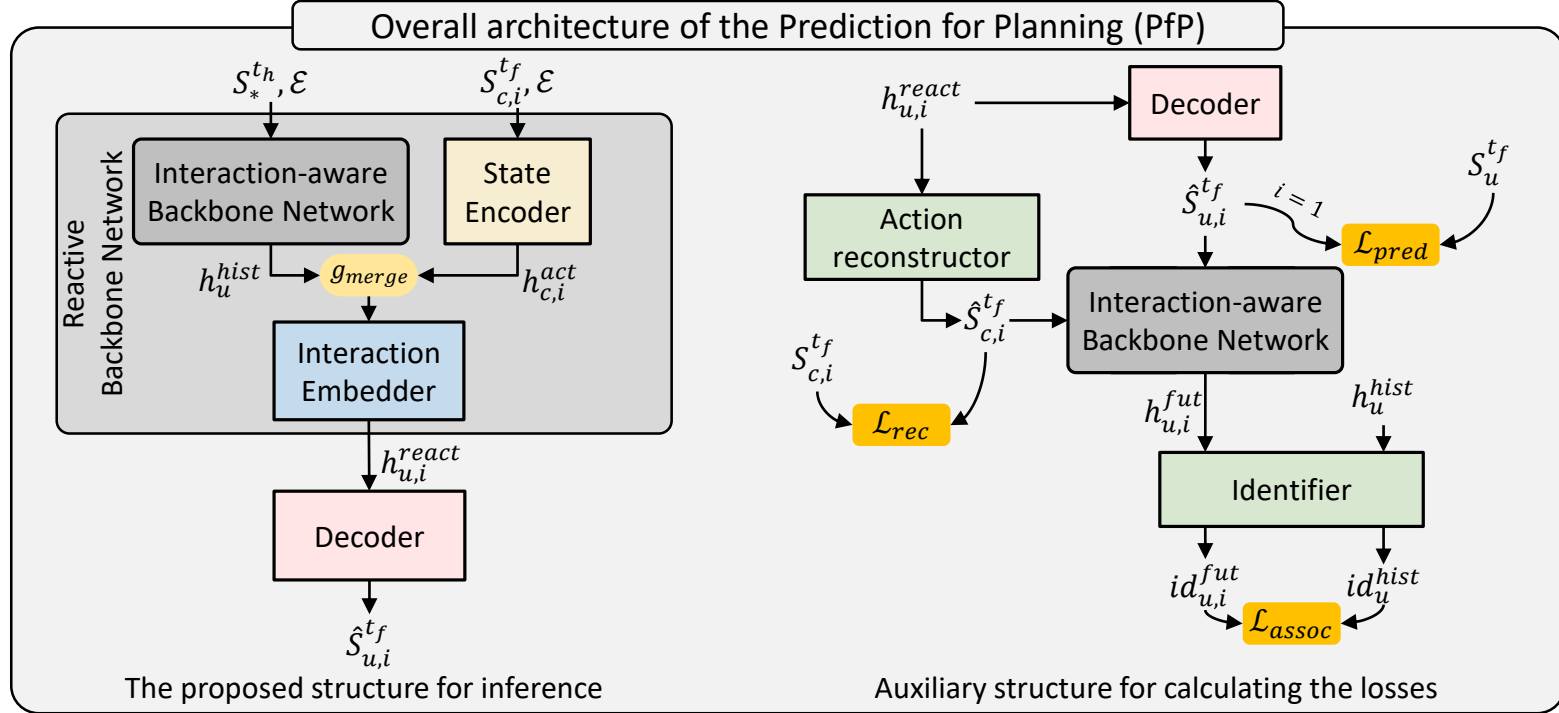


The conventional structure



The proposed structure for inference

Auxiliary structure for calculating the losses