

Estimator 1



$\hat{\underline{x}}_{k,1}, \mathbf{P}_{k,1}$

Estimator 2



$\hat{\underline{x}}_{k,2}, \mathbf{P}_{k,2}$

...

Estimator m



$\hat{\underline{x}}_{k,m}, \mathbf{P}_{k,m}$



Cloud



Trusted Third-party



$\hat{\underline{x}}_{k,\text{fus}}, \mathbf{P}_{k,\text{fus}}$