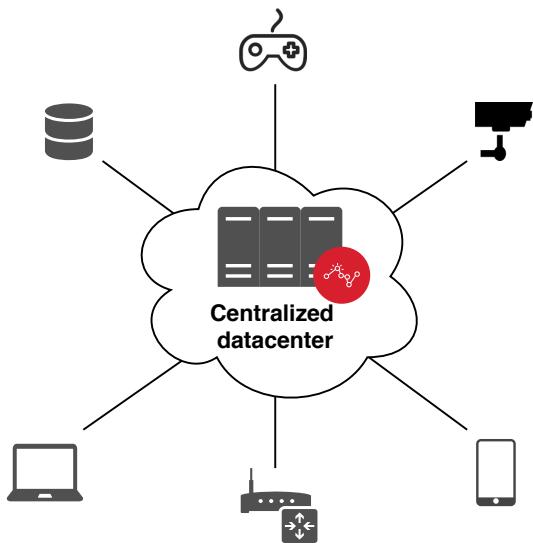


Centralized Architecture



Pros

General solution
Complete view on data
Rich computation/storage resources

Most suitable approaches:

*Supervised Learning,
Deep Learning,
Unsupervised learning*

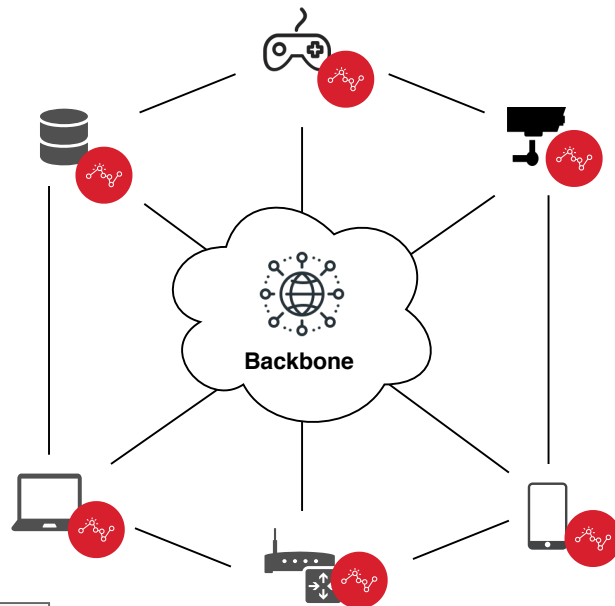
Cons

Data perennity
Time-consuming
Overfitting - lack of generalization

Typical usage:

*Classification,
regression, clustering*

Decentralized Architecture



Pros

Specialized solution
Address non-stationarity
Low-latency - Immediate response

Most suitable approaches:

*Reinforcement learning,
Sequential learning*

Cons

Partial information
Limited computation/storage resources

Typical usage:

*Inference,
decision-making*