Pipeline de Streaming Multi-Serveurs

INPUT LAYER

CSV Reader

Data Loader

STREAMING LAYER

10 Threads
(Multi-Server)

Formatter
(Log Parser)

Kafka Prod
(Publisher)

OUTPUT LAYER

Kafka Topic
kubernetes-logs

Log File
streamed_logs.log
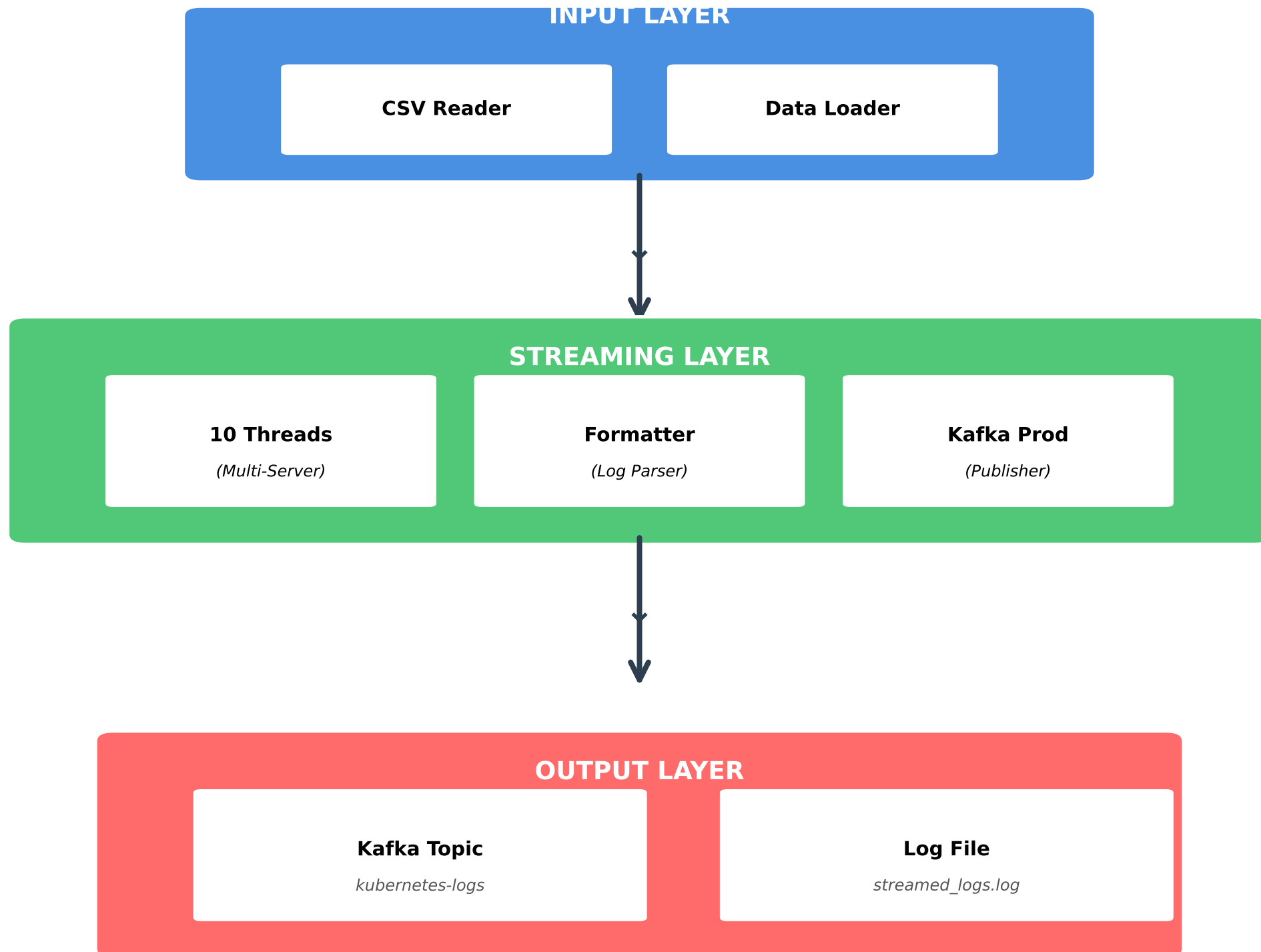
Architecture: 10 serveurs parallèles | Format: Logs structurés JSON + Texte | Temps réel simulé