Benefits:
✓Electronic payments;
✓Daily assistance;
✓Safety monitoring;
✓Emotional support.

Key technologies:
▲Coordination framework among LLMs;
▲Multimodal information fusion;
▲Privacy protection.

Elderly Care
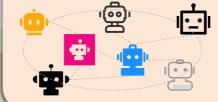
Benefits:
✓Handle large-scale data;
✓Fault detection;
✓State prediction;
✓Situation awareness.

Key technologies:
▲Coordination framework among LLMs;
▲Multimodal information fusion;
▲LLM fine-tuning.

Smart Grid Inspection

Smart Grid

Thermal Power Plant   Solar Panel   Gas Holder
Consumer   Control Center   Power Station
Windmill   Dam   Transformer

Multi-LLM System

Intelligent Transportation

Benefits:
✓Relieve traffic congestion;
✓Avoid traffic accidents;
✓Optimize traffic signals;
✓Reduce carbon emissions.

Key technologies:
▲Coordination framework among LLMs;
▲Multimodal information fusion;
▲LLM fine-tuning.

LAENets

Benefits:
✓Plan the flight path;
✓Avoid collision;
✓Enhance fault tolerance capability.

Key technologies:
▲Coordination framework among LLMs;
▲Resource management;
▲Privacy protection;
▲LLM fine-tuning.