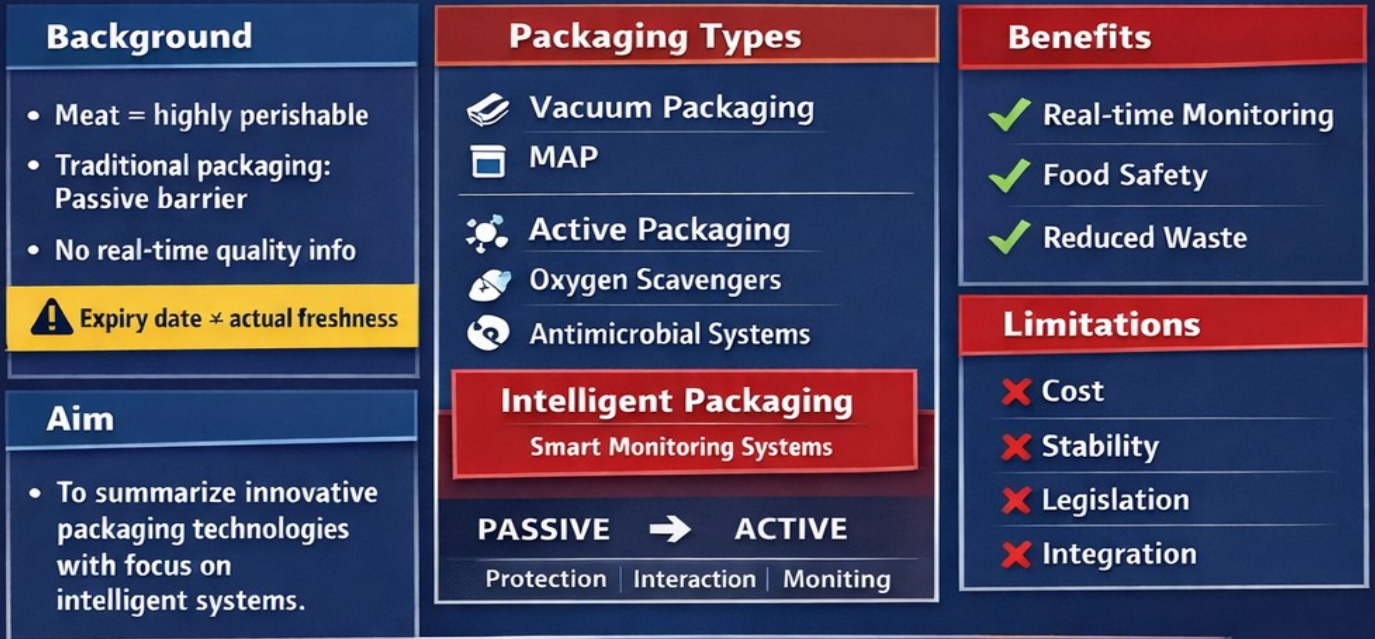


INNOVATIVE MEAT PACKAGING TECHNOLOGIES WITH EMPHASIS ON INTELLIGENT SYSTEMS

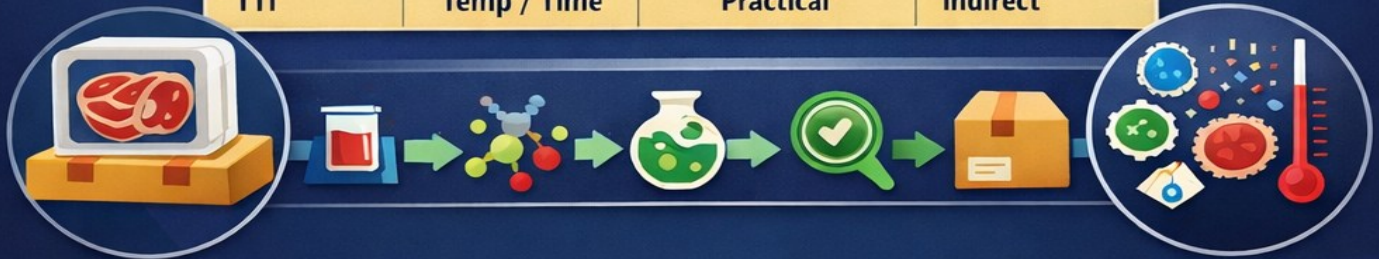
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PASSIVE → ACTIVE → INTELLIGENT

Protection | Interaction | Monitoring

System	Parameter	Advantage	Limit
Freshness	pH	Simple	Low Accuracy
Biosensors	Microbes	Precise	Expensive
Gas Sensors	VOC	Accurate	Complex
TTI	Temp / Time	Practical	Indirect



Intelligent packaging enables real-time quality monitoring, but its application depends on cost and reliability.