



# Los datos como materia prima esencial para la digitalización de los procesos.

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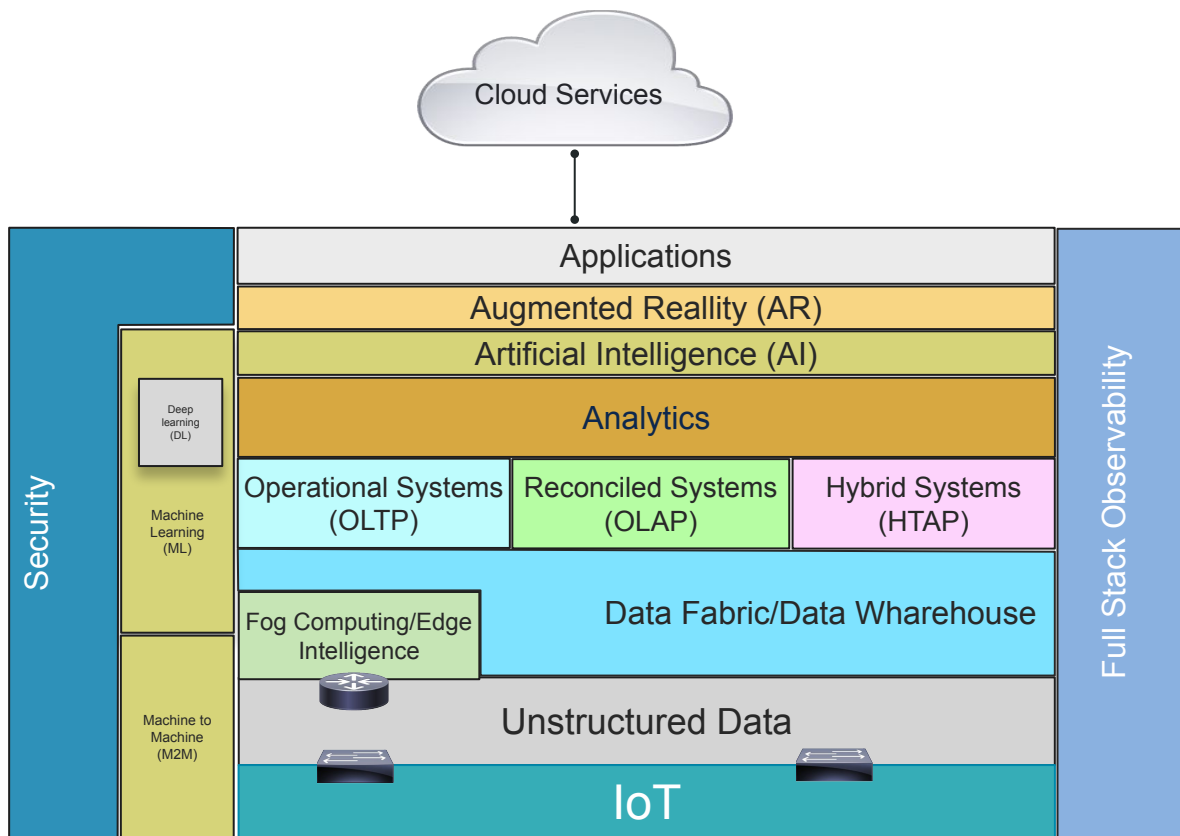
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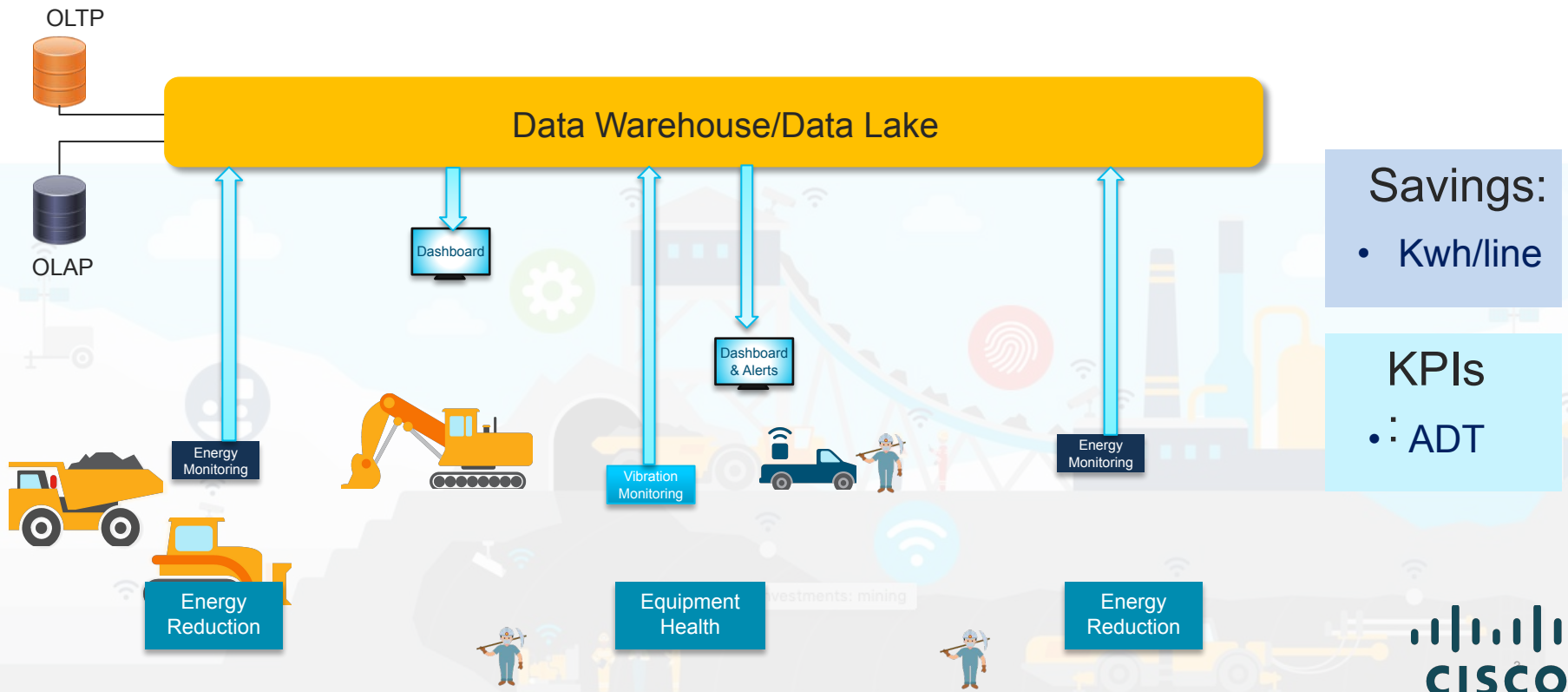


# Industry 4.0 Architecture Stack

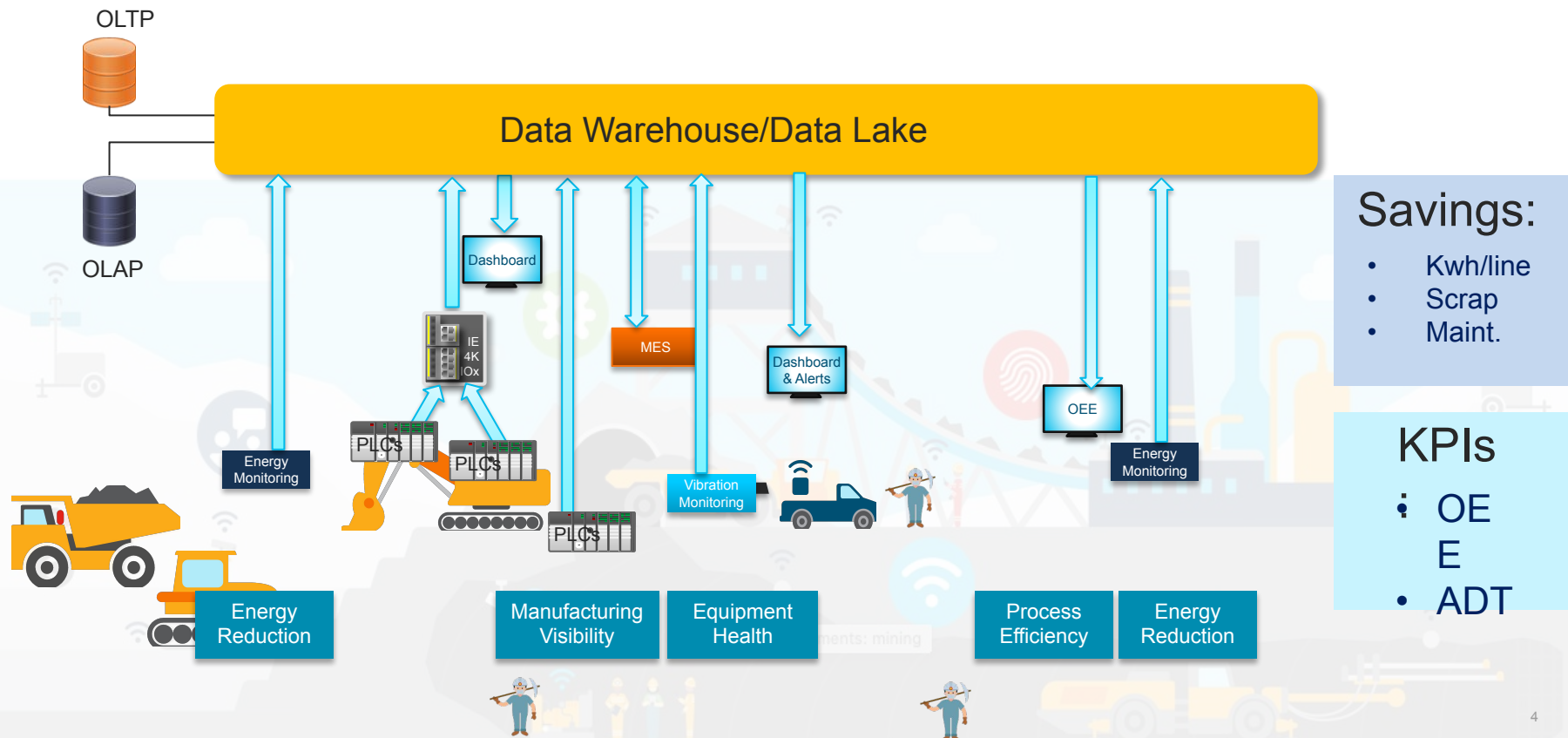


# Artificial Intelligence & Data Management Platforms integration

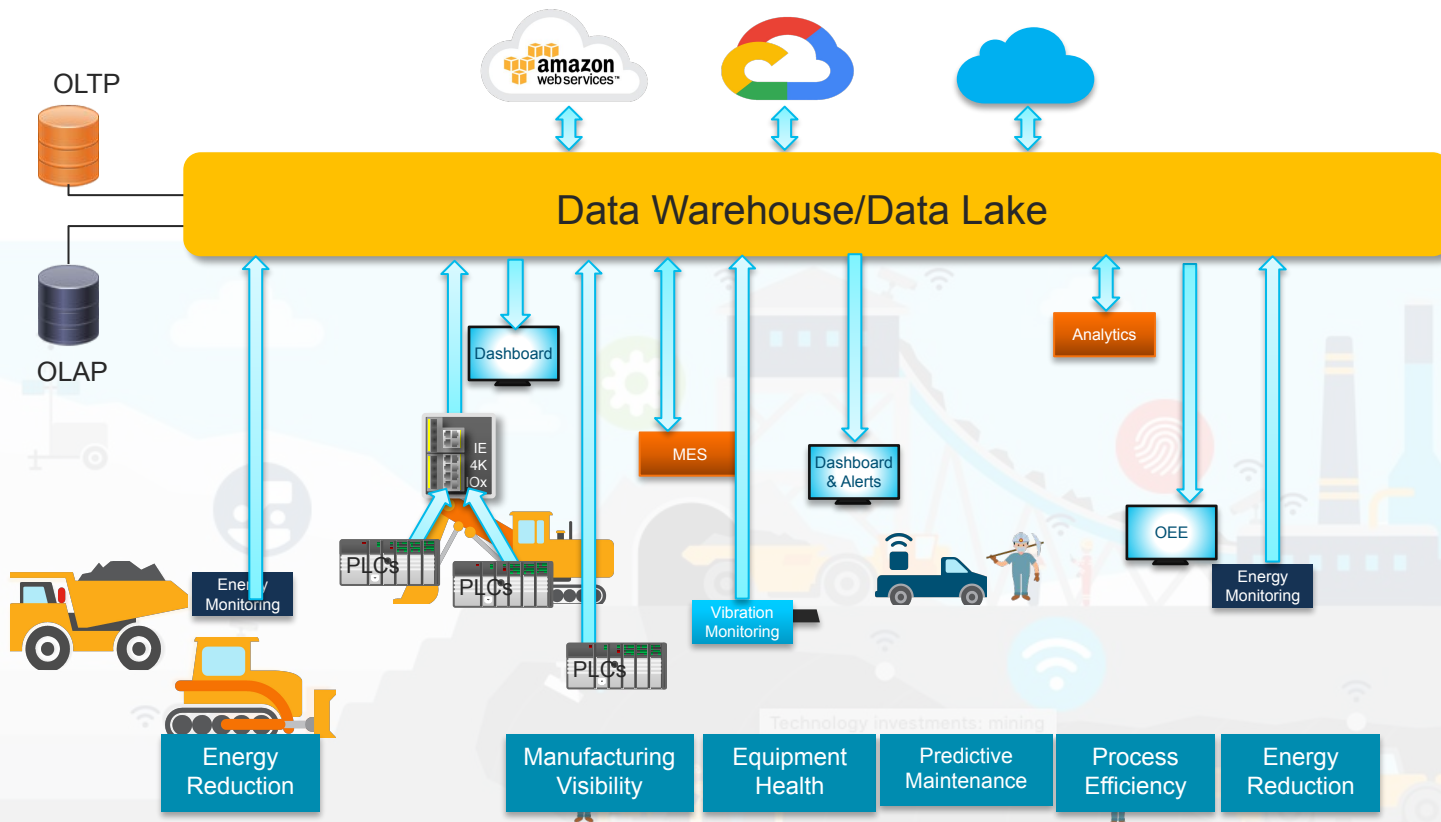
1.- Extract data and translate it to KPIs for business impact decisions



## 2.- Integrate MES for Production Management, Apply AI for Optimization



### 3.- Integrate Cloud Services and Deep Learning for Advanced Analytics and proactive maintenance.



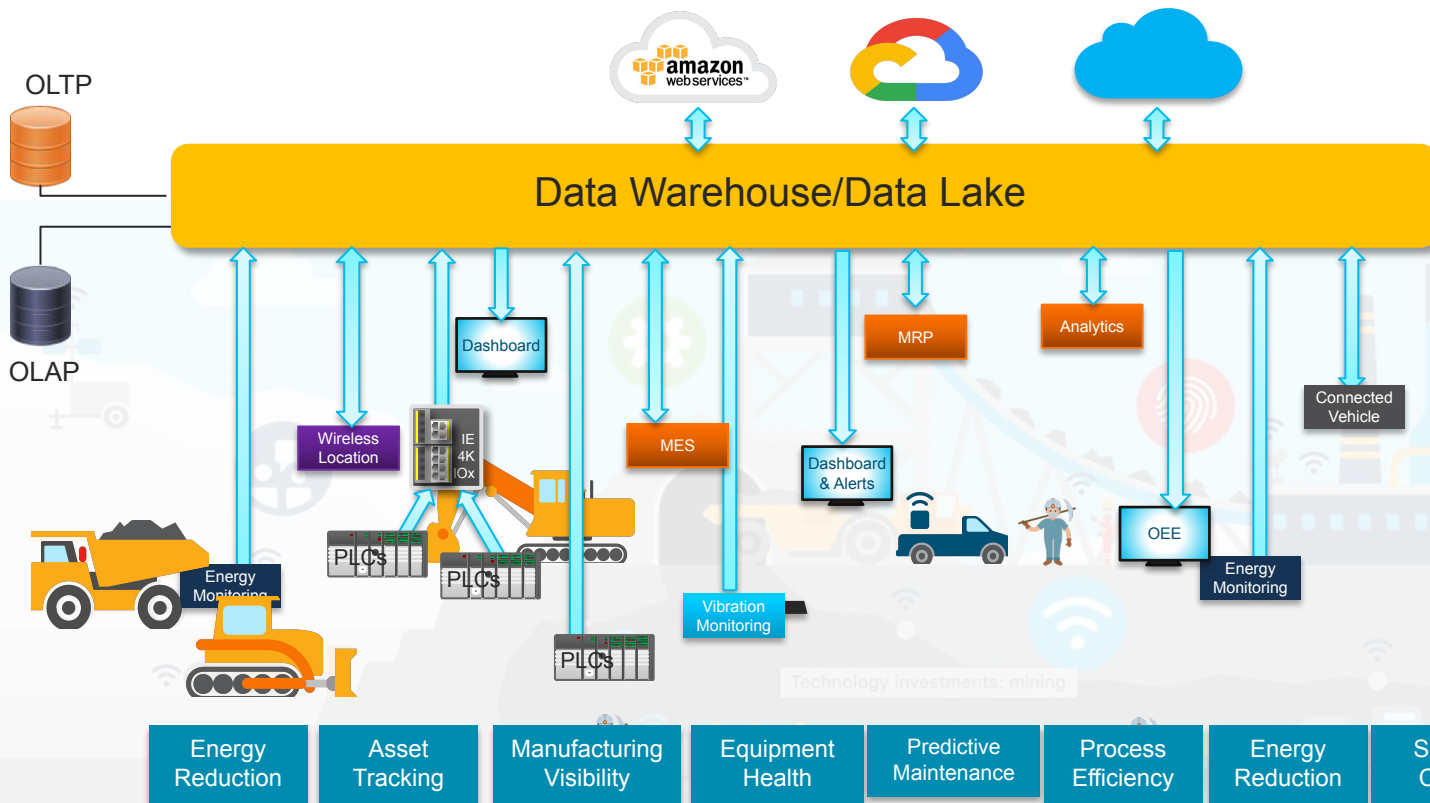
**Savings:**

- Kwh/line
- Scrap
- Maint.
- Quality

**KPIs**

- OEE
- ADT
- OPE
- X

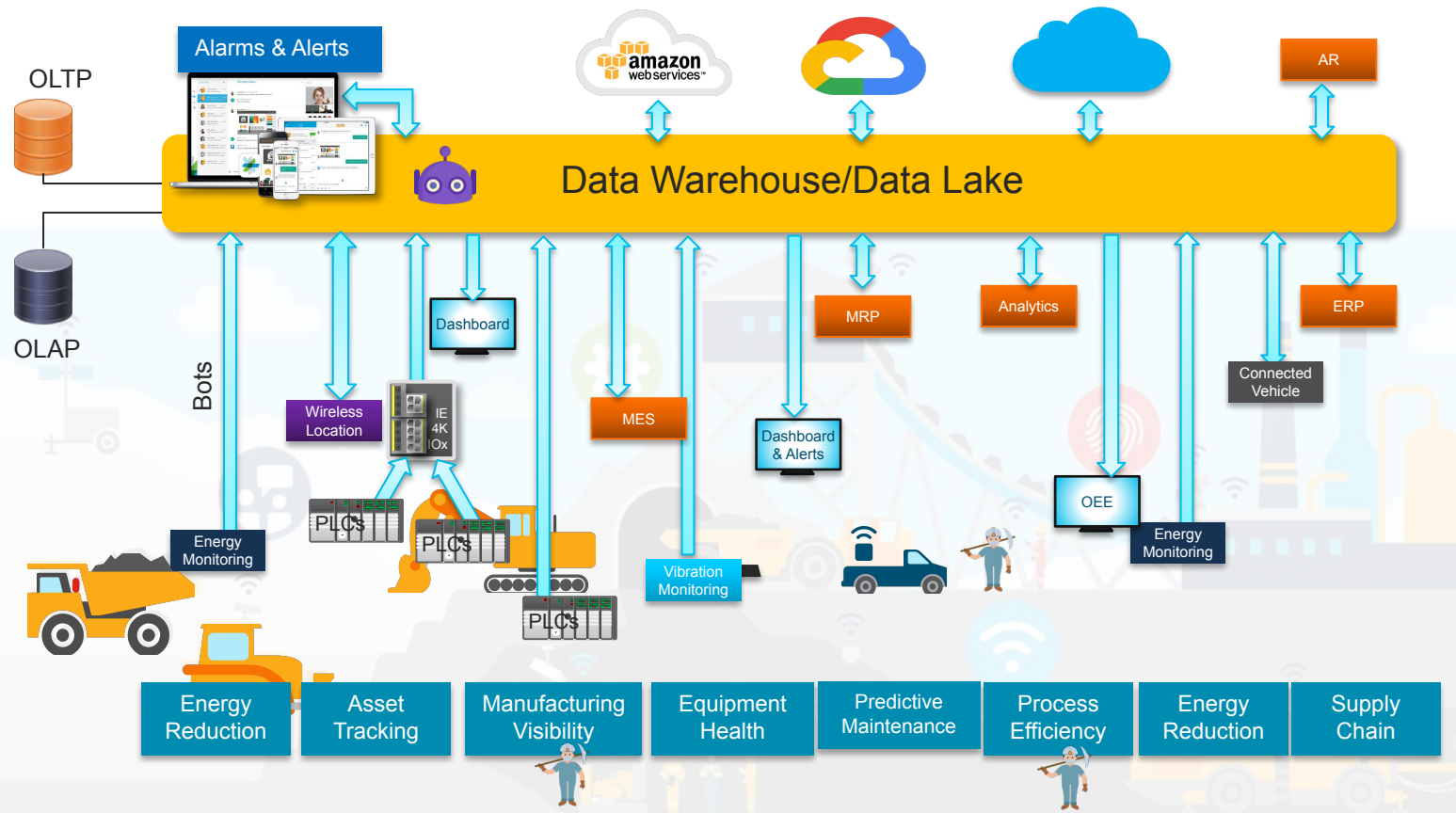
## 4.- Data as enabler for Real Time Services: Location, Warehouse, Fleet, In-Sync Production.



- Savings:**
- Kwh/line
  - Scrap
  - Maint.
  - Quality
  - Logistics

- KPIs**
- OEE
  - ADT
  - OPEX
  - Tracing

## 5.- AI for Self Monitoring, and Real Time Business Management



- Savings:**
- Kwh/line
  - Scrap
  - Maint.
  - Quality
  - Logistics
  - JIT Prod.
  - RT Data Access

- KPIs**
- QEE
  - ADT
  - OPEX
  - Tracing
  - WH Refill
  - Data-based Decision Making



The bridge to possible