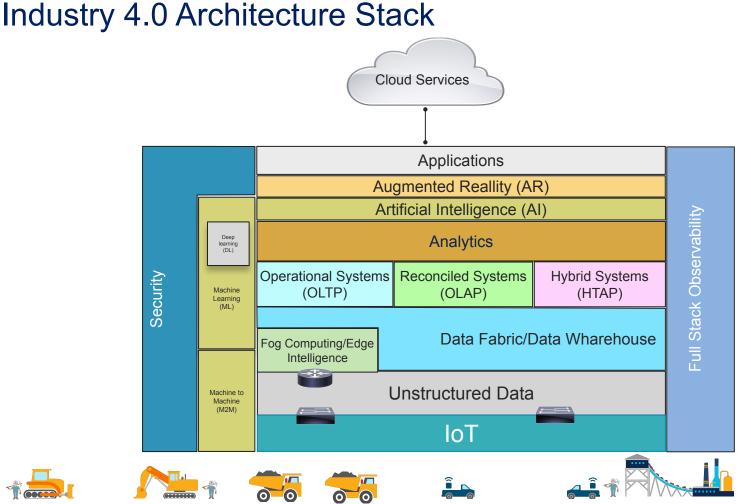
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#### Los datos como materia prima esencial para la digitalización de los procesos.

Francisco Bolaños Architect IoT/Digital Transformation Latin America <u>fbolanos@cisco.com</u> @fbolanosf



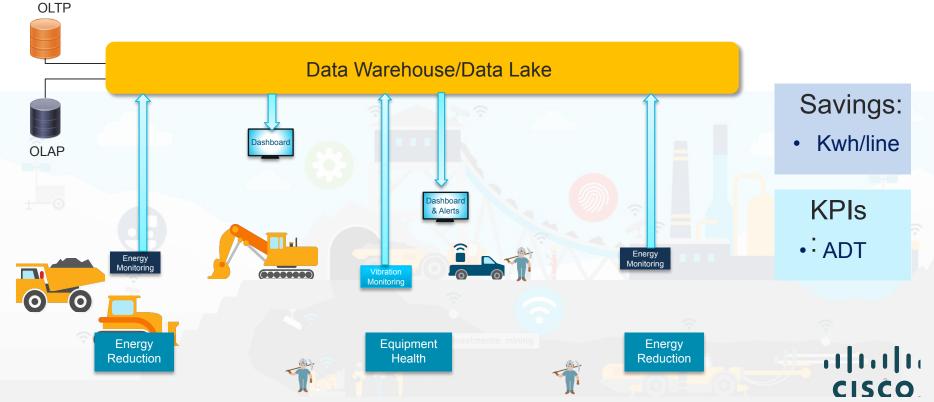




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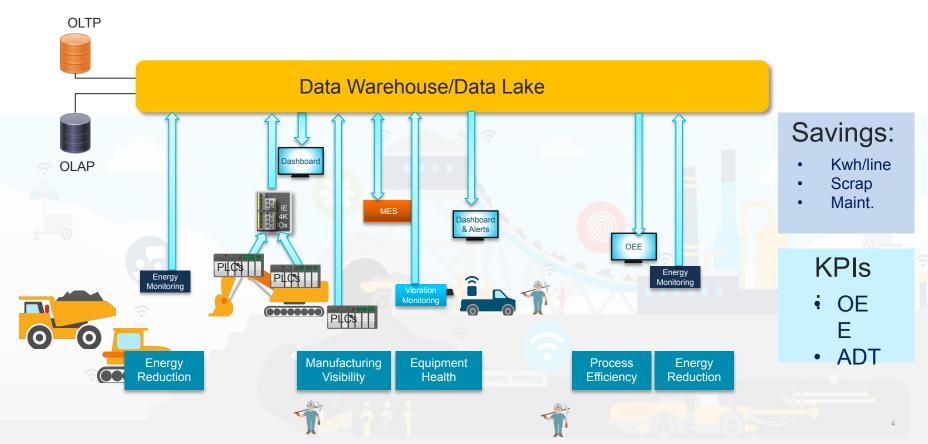
## Artificial Intelligence & Data Management Platforms integration

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



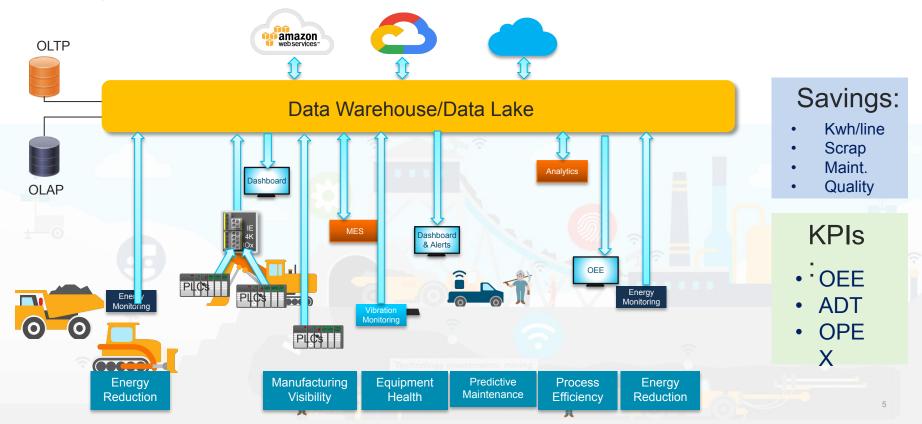
#### 2.- Integrate MES for Production Management, Apply AI for Optimization

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

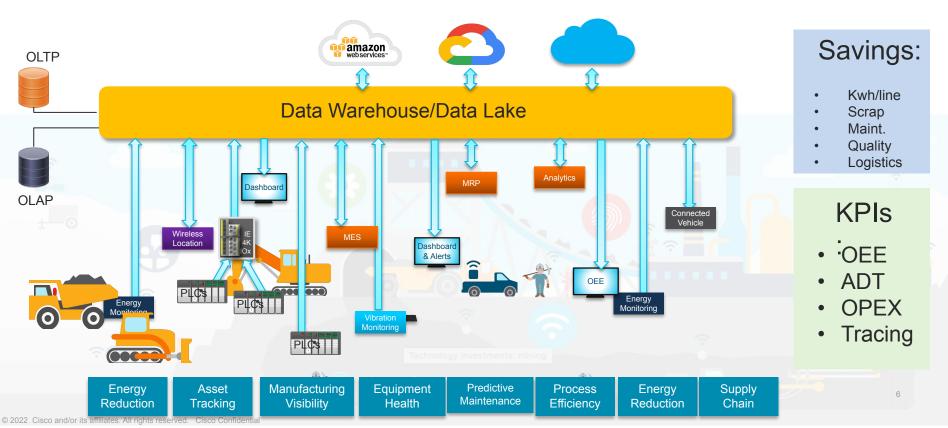
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### 4.- Data as enabler for Real Time Services: Location, Warehouse, Fleet, In-Sync Production.



#### CISCO 5.- Al for Self Monitoring, and Real Time Business Management Savings: Alarms & Alerts amazon OLTP Kwh/line Scrap Maint. Data Warehouse/Data Lake Quality 00 Logistics JIT Prod. **RT** Data Access MRP Dashboard OLAP Bots Connected Vehicle Wireless **KPIs** Location Dashboard & Alerts QEE OEE ADT PLCs PLCs Energy Energy Monitoring OPEX Monitorina Vibration Monitoring (0000 000) Tracing PLCs Ô 0 WH Refill Data-base Asset Manufacturing Predictive Energy Equipment Process Energy Supply Maintenance d Health Reduction Reduction Tracking Visibility Efficiency Chain Decision $\overline{\mathbf{v}}$ Making

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