

# AI IOT

INTELLIGENT SYSTEM INTERFACES



Generative AI  
driven  
solutions for  
Internet Of  
Things

1965-2020  
55 Jahre

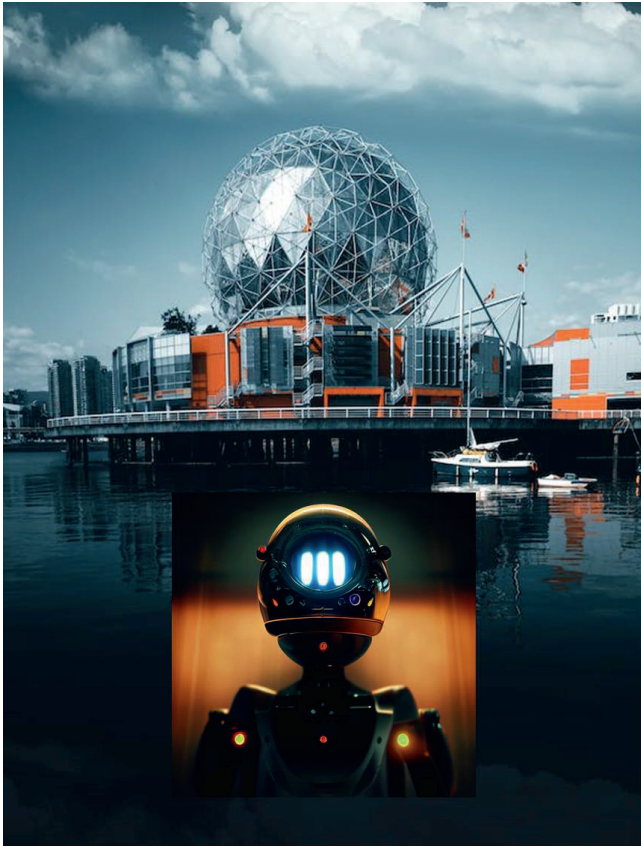


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## Generative AI in IOT

- A new breed of Solutions that are powered by Machine Intelligence and Human Interfaces.
- Proactive monitoring of systems and the ability for **the AI system** to formulate **(Generate) Preventative Maintenance schedule**
- System can interpret complex machine data, deciphering operational patterns that can help with early detection of potential failures and generate a mitigative recommendation
- System can understand and interpret corpus of data and technical manuals of devices. These can help with on demand „**Know-how**“ and assist with both installation, troubleshoot and maintenance
- **Conversational Intelligence** - interactive conversations with the AI system



### A.I DRIVEN IIOT

- Generative Recommendations
- Conversational Intelligence
- Proactive Monitoring
- Predictive Maintenance
- Asset Performance Management
- Industrial Process Optimization
- Operational Intelligence
- Intelligent Self Monitoring Systems

## Focus Areas



**Manufacturing**



**Smart Buildings**



**Oil and Gas**



**Transportation**

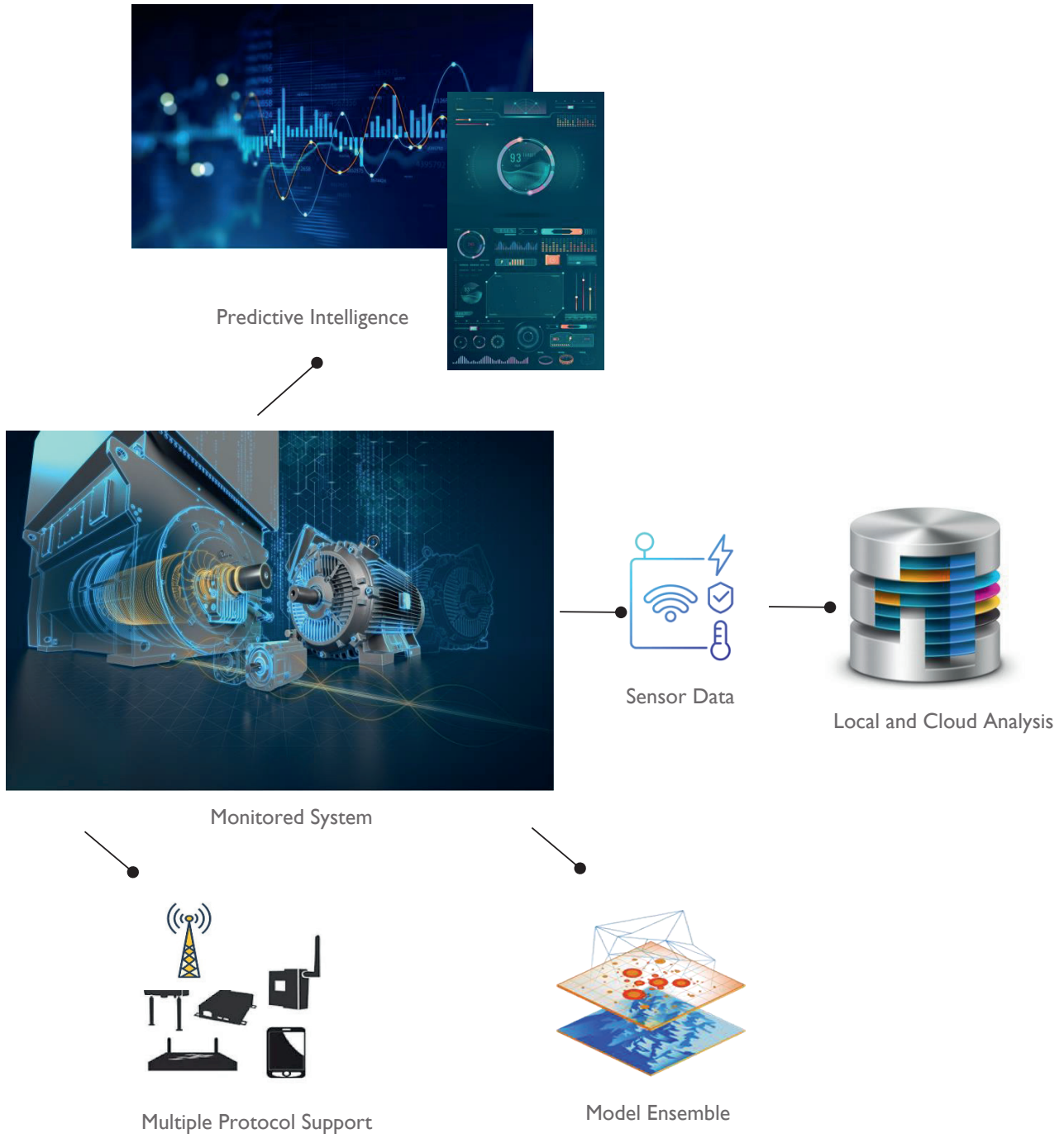


**Telco**



**Energy**

# PROACTIVE MONITORING, GENERATIVE SOLUTIONS EMPLOYING ADVANCED AI ALGORITHMS



# AIOT Sensor Fusion

## Generative AI for Recommendations and Conversational Intelligence

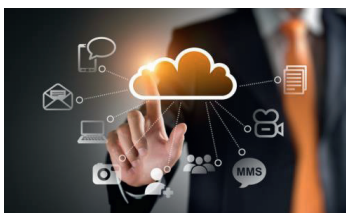
Fusing and analyzing disparate IOT sensor data streams to derive insights

Pressure, vibration, temperature and more.

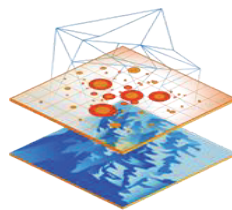
A.I models analyze Sensor data, Audio, video, 3D imaging data

Geofencing for asset tracking, perimeter monitoring

AI IOT Solutions by



Human in the Loop Control



AI Model Ensemble Recommendations



Augmented Intelligence

Generative, Predictive, Introspective,  
Intelligent Systems

# PROACTIVE MONITORING, GENERATIVE SOLUTIONS EMPLOYING ADVANCED AI ALGORITHMS



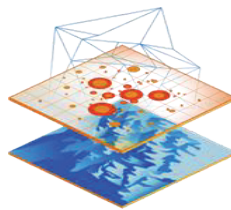
Real time monitoring



Operational Intelligence



Augmented Intelligence



Multimodal Analysis



Sensor Fusion



When was the last time we were this excited  
about Technology!!

Generative AI solutions for Internet Of Things



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