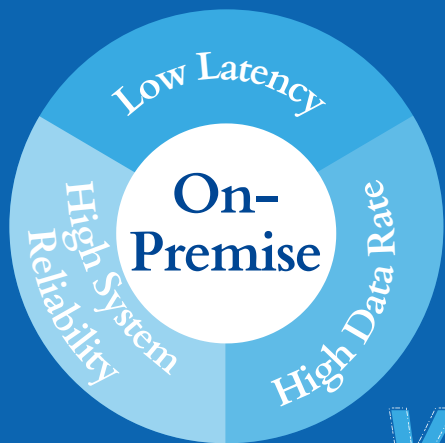
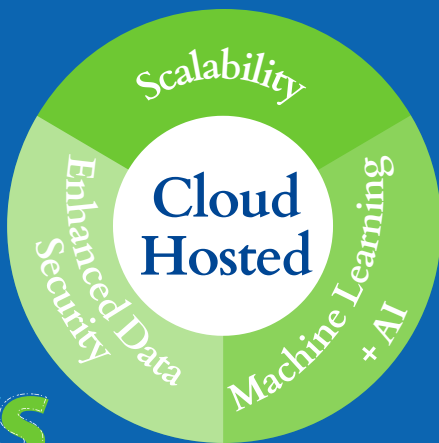




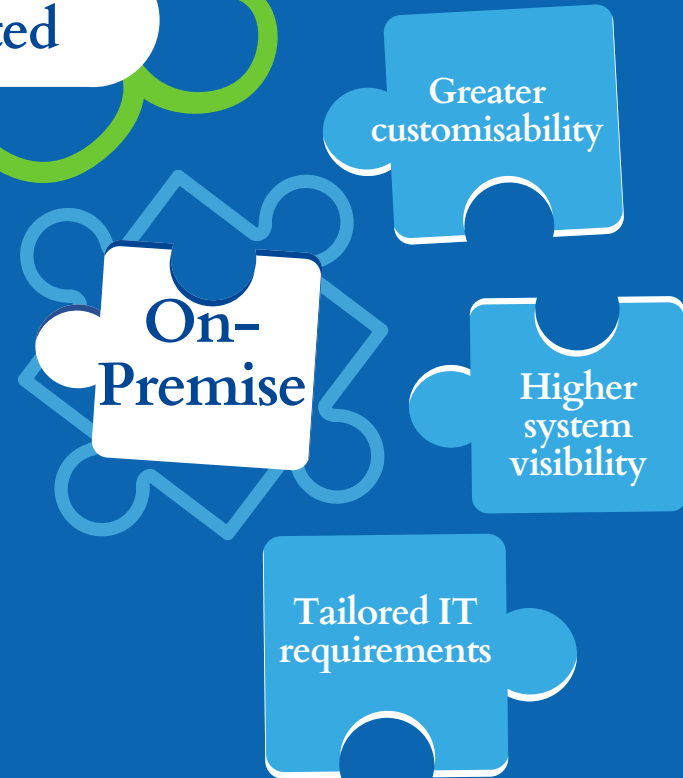
On-Premise vs Cloud Hosted IIOT Data Flow



VS



VS



VS



Typically standardised



Requires a reliable internet connection



Data Latency

Subject to technical issues and network failure



Higher security risks



Process is typically time-consuming



Labour intensive



Cannot manage and update devices remotely

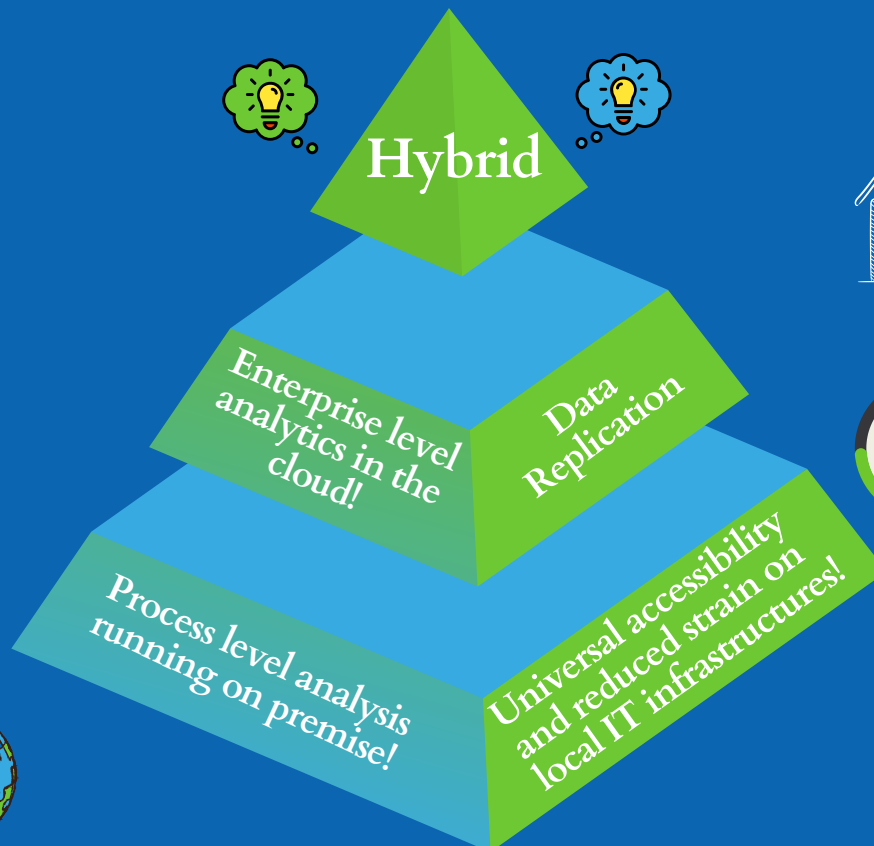


Cloud Hosted

Deployment Time

Resources are deployed in-house within an organisation's IT infrastructure. (OSIsoft PI)

Resources are hosted on premises but accessible off-premises at any time.



On-Premise

Reliability

If a system has 4 components with a reliability of 95% each, the overall drops to 81.5%

81.5%

Redundancy

96.6%