

ACCUMINE

ACCUMINE / SENSORBOT

FOR LEGACY MACHINES WITHOUT AN IP

- Connect to machines in 30 minutes.
- Data available in real-time via API.
- 1/3 the cost of other machine monitoring.

Communication:

1 mile radius (900MHz)

Networking Type:

Mesh

Connection to Machine:

5V-24V



ACCUMINE / E-SERIES

FOR MACHINES WITH PLC IPs ON THE NETWORK

- Instant plug-and-play
- E-Series contains 80 different PLC adapters.
- 1/3 the cost of other machine monitoring.

Communication:

Wired

Networking Type:

Ethernet

Connection to Machine:

Direct to PLC via network IP



ACCUMINE / SCHEMA CONNECTORS

FOR DATABASES AND EXISTING DATASETS

- Existing database adapters
- Runs as a single local process
- Automates processes, saves employee time

Communication:

Wired

Networking Type:

Ethernet

Connection to Machine:

Via existing dataset (SQL, Access, Mongo, CSV, MTConnect, etc)

Data Fields
Define the data fields of your data model

- runtime_id (Number) No description Actions
- node_id (Number) No description Actions
- timestamp (DesignatedTimestamp) No description Actions
- timestamp_start (DesignatedTimeStart) Start of the period Actions
- timestamp_end (DesignatedTimeEnd) End Timestamp Actions
- bom_time (Number) No description Actions
- actual_time (Number) No description Actions

Datasets > RUNTIME

⊕ Add Filter Show API Call ↻

runtime_id	node_id	timestamp	timestamp_start	timestamp_end	bom_time	actual_time	op_id	id
12119951	11602983	Thu, Apr 29, 2021...	Thu, Apr 29, 2021...	Thu, Apr 29, 2021...	13	2.5	12	158288
12119940	11603840	Thu, Apr 29, 2021...	Thu, Apr 29, 2021...	Thu, Apr 29, 2021...	15	3.2	10	158287
12119959	11601555	Thu, Apr 29, 2021...	Thu, Apr 29, 2021...	Thu, Apr 29, 2021...	0	0.4	14	158284
12119960	11601477	Thu, Apr 29, 2021...	Thu, Apr 29, 2021...	Thu, Apr 29, 2021...	0	0.5	14	158286
12119957	11601490	Thu, Apr 29, 2021...	Thu, Apr 29, 2021...	Thu, Apr 29, 2021...	0	0.3	14	158283
12119921	11600436	Thu, Apr 29, 2021...	Thu, Apr 29, 2021...	Thu, Apr 29, 2021...	5	3.3	13	158285
12119945	11596756	Thu, Apr 29, 2021...	Thu, Apr 29, 2021...	Thu, Apr 29, 2021...	15	1.1	12	158282

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ACCUMINE / OPERATOR HMI

DIRECT TO PLC > LIVE HMI

- Plug-and-play
- Runs any web software
- Operator feedback for downtime in real-time

Communication:

Wired

Networking Type:

Ethernet

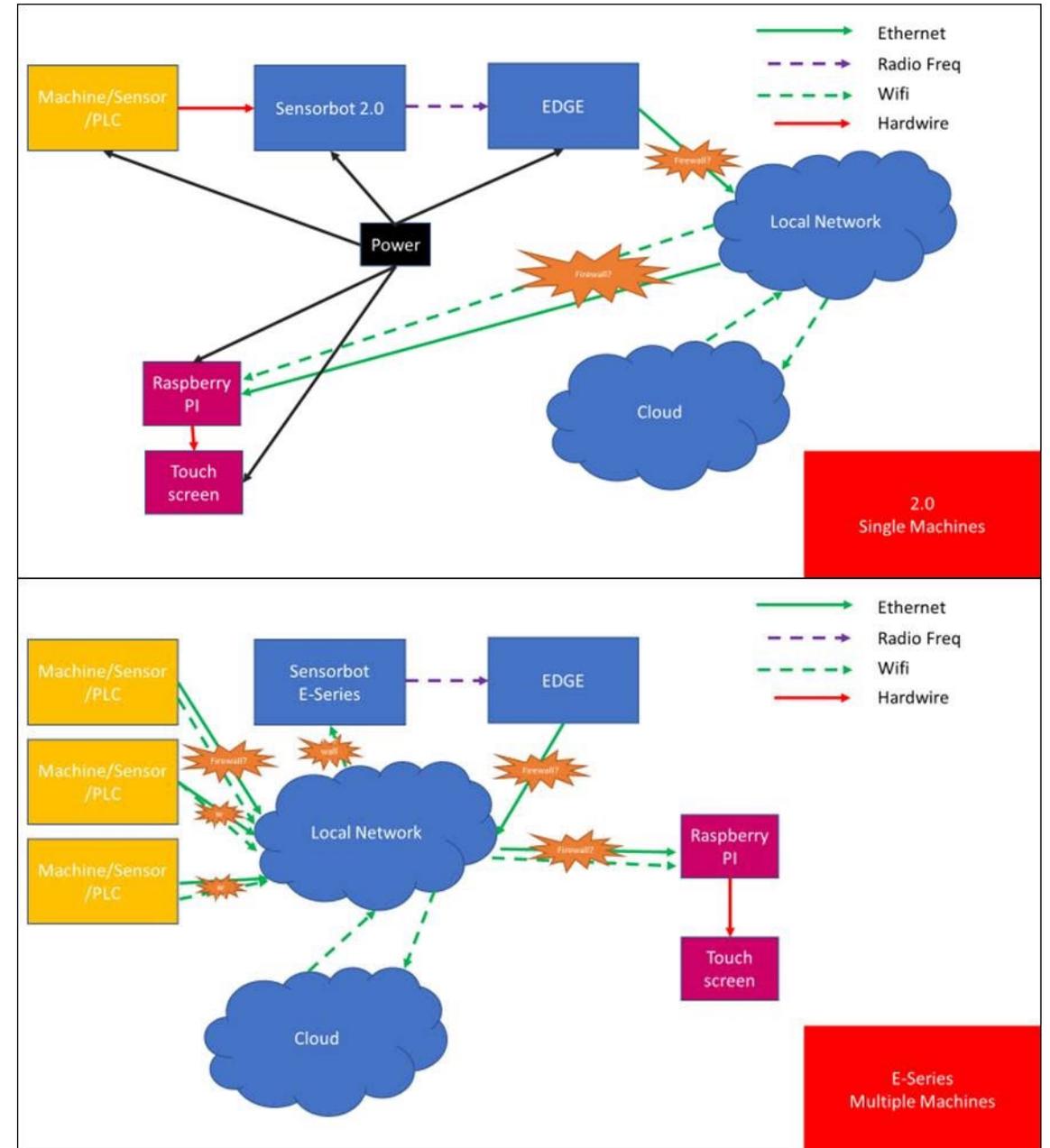
Connection to Machine:

PLC via switch in Panel (optional)



ACCUMINE / SENSORBOT VS E-SERIES

- E-Series requires mature infrastructure.
- SensorBot 2.0 requires no infrastructure – not even wifi – except for one connection to the cloud or local server.



Flexibility

Accumine technology can run local, cloud or hybrid for maximum flexibility.

Cloud Firewall Support

Accumine Cloud-based solution requires outbound access to only two IPs, which are privately held by Accumine on AWS architecture. All other inbound/outbound can be behind firewall.

IT Friendly

Accumine's technology operates within your existing network structure. In situations where network structure is old, Accumine offers 900MHz RF SensorBot 2.0s.

Data Ownership

All collected data is stored in OPC-type format and is owned by the client.

Trusted Solution

Accumine's SensorBot technology has over 10,000 deployments.

HTTPS/MQTT

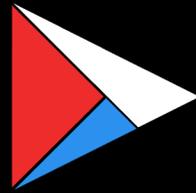
Accumine's Cloud Edge devices rely on the best practices for MQTT and HTTPS inbound and outbound transfer.

Portable

Accumine's software is web-based for maximum portability and responsiveness across all use cases. And the software can be hosted on local architecture.

Future Proof

Accumine's software includes a module/app marketplace that is always growing. The company's goal is to enhance all facets of your Digital Factory initiative.



ACCUMINE

DIGITAL FACTORY PLATFORM