Industry leading data collection agent

ECI's leading edge data collection agent offers unmatched meter accuracy, reliable data collection, and performance efficiency.

Flexible deployment options

Reduce operational costs

Simplified device management

The DCA has been fundamentally redesigned for faster, more efficient and accurate data collection. DCA works with Printanista to simplify and streamline device management.
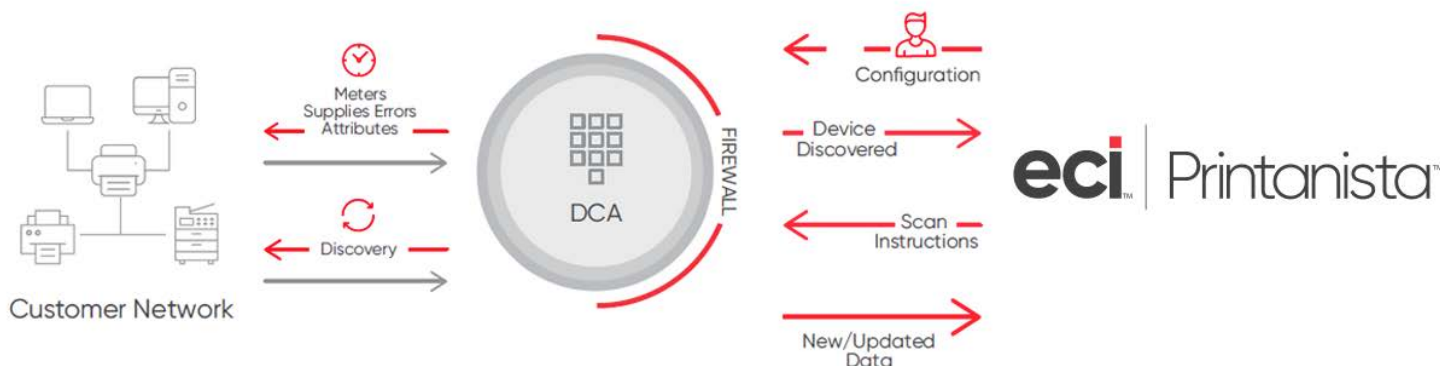
Device Support

DCA takes a different approach to understanding individual devices, using a more authoritative approach to understanding how different devices report data.

Using manufacturer specifications provided to ECI as a result of our close working relationship with most major manufacturers, DCA provides definitive, up-to-date device information for unparalleled device management.

How the DCA works

Features

Model definition files

Model definition files are created from manufacturer specifications and are both model and firmware version specific. They provide DCA with the manufacturer and model details necessary to collect meter, supply level, and device attribute data. Because DCA retrieves model definition files from Printanista, no DCA software updates are required for new device attribute support. This means that the DCA can support newly released models and meters quickly, ensuring that Printanista is always provided the latest, most accurate device data.

Custom scan intervals

Set independent scan intervals for device discovery, meters, supplies, errors and attributes in order to get the information you need when you need it.

Differential transmission

Only data that has changed or values that have been updated are transmitted to Printanista reducing transmission costs and processing time for more efficient device management.

Cross-platform capability

DCA can be deployed in the traditional Windows environment, but also supports a wide range of operating systems including, **Mac OS X**, Linux distributions such as **Ubuntu** and **Debian** and low-cost form factor devices such as **Rashberry Pi**.[1] The flexible deployment of DCA on various platforms makes data collection more ubiquitous and cost-effective for you and your customers.

Security

DCA only collects the device data necessary to manage print environments. At no point is any personal or user information collected. For additional security, DCA exclusively users hypertext transport protocol secure (HTTPS) to encrypt and protect data during transmission to Printanista. All communication with Printanista is initiated by DCA and no special firewall configuration is typically required.

[1] Linux architecture support more generally includes both x86-64 and ARM.

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