DCA PULSE

PrintFleet's next generation data collection agent

DS Business Life Simplified

PRINTFLEET®

DCA Pulse™

Keep a beat on your print environments with DCA Pulse. PrintFleet® has made several improvements to our traditional data collection agent for greater data accuracy and performance efficiency.

DCA Pulse has been fundamentally redesigned for faster, more efficient and more accurate data collection. DCA Pulse works with PrintFleet Optimizer™ and PrintFleet Central™ to simplify and streamline device management.

What is PrintFleet Central?

PrintFleet Central is a centralized system that manages PrintFleet Optimizer and DCA Pulse registrations. It handles various administrative tasks, including license management, anonymous collection of device data, device support and software updates.
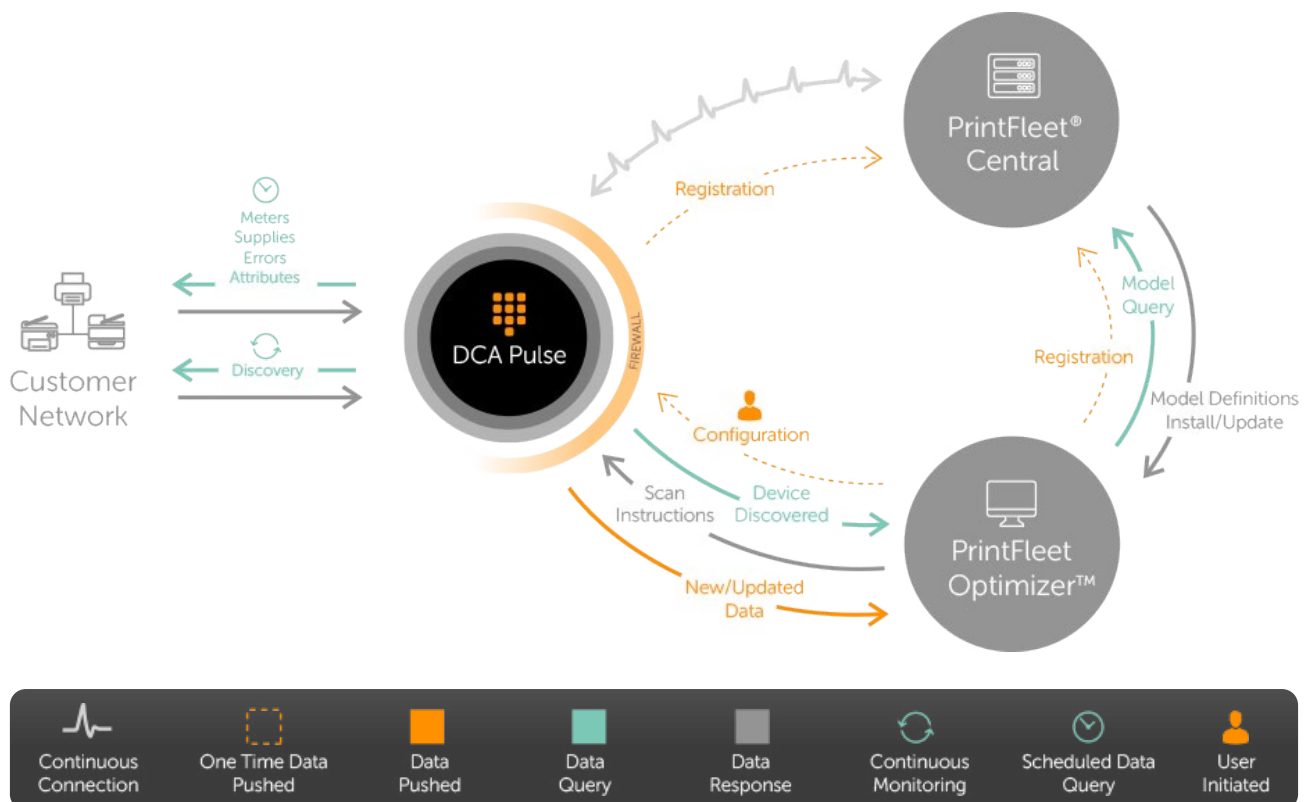
PrintFleet Central enables PrintFleet to see which models are in field and which represent the largest percentage of the machines in field. This allows us to better work with manufacturers to provide updates for existing devices and support newly discovered devices.

Device Support

DCA Pulse also takes a different approach to understanding individual devices. Compared to earlier versions, DCA Pulse uses a more authoritative approach to understanding how different devices report data.

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

How It Works

Features

Enhanced Data Collection

DCA Pulse includes several new features that provide improved data collection, measurement and analysis, including:

- **Model Definition Files:** Model definition files are created from manufacturer specifications and are both model and firmware version specific. They provide DCA Pulse with the manufacturer and model details necessary to collect meter, supply level and device attribute data. Stored in PrintFleet Central, the files enable precise targeting of fixes and ensure that DCA Pulse is always gathering 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 PrintFleet Optimizer, reducing transmission costs and processing time for more efficient device management.

- **Heartbeat:** DCA Pulse provides a 'heartbeat' to PrintFleet Central confirming that the DCA is active, reducing the occurrence of stale DCAs. No network or device information is transmitted in the 'heartbeat' apart from a notification that tells PrintFleet Central DCA Pulse is operating normally.

Cross-Platform Capability

DCA Pulse can be deployed in the traditional Windows environment, but it can also be installed and operate on additional operating systems, including **Mac OS X**, Linux distributions such as **Ubuntu** and **Debian** and low-cost form factor devices such as **Raspberry Pi**.* The flexible deployment of DCA Pulse on various platforms makes data collection more ubiquitous and cost-effective for you and your customers.

Security

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

> For more information, visit **https://www.dsbls.com/printfleet**/

Get Started

DCA Pulse provides users with flexible deployment options, reduces operational costs and simplifies device management. The low-cost design allows you to monitor more devices and the flexibility enables you to proactively manage supplies and reduce your service costs. DCA Pulse is available for PrintFleet Vision™, PrintFleet Enterprise™ and PrintFleet Corporate™.**

* Linux architecture support more generally includes both x86-64 and ARM
** Some restrictions may apply

To learn more about the availability of DCA Pulse and how to get started, contact us today!

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