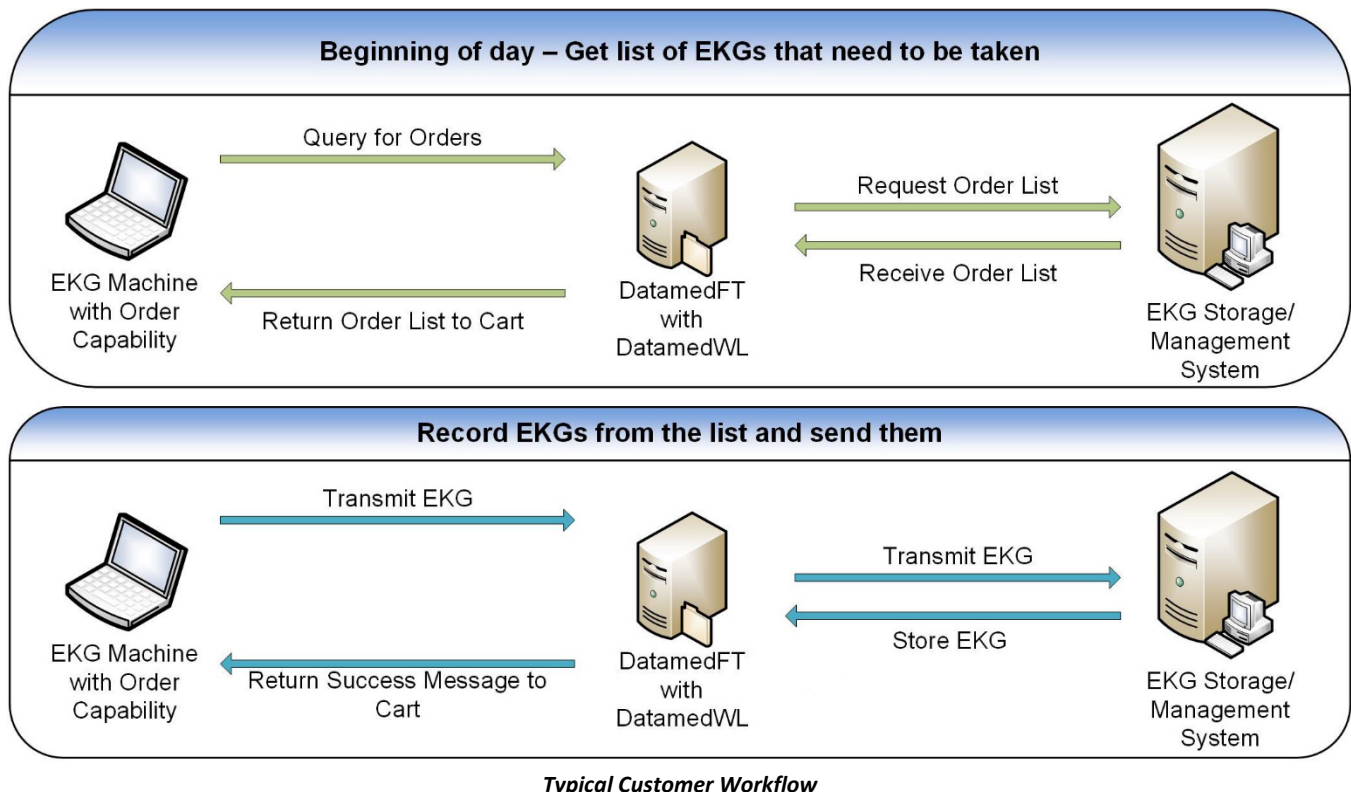# *DatamedWL™ Data Sheet*

DatamedWL™ adds powerful bidirectional communication capabilities to the Datamed® product line. Combined with the DatamedFT™ format translator this product gives customers the ability to query for orders, record the EKGs, and then send them to the management/storage system to close out the orders. The fully integrated workflow is an important part of a single-vendor solution, but cross-vendor compatibility has been very limited. Workflow integration no longer means being locked out of equipment choices. This improves customer choice and further enhances sales opportunities for our vendor partners.

Installed with DatamedFT, the software runs as a service level application on a standalone server, the ECG Management System's host server, or a monitoring gateway as appropriate. The manner of installation, method of connection, and exact configuration largely depend on the vendor and the preference of the customer's IT staff. DatamedWL runs without interaction and is a completely transparent middleware interface once configured. For customers who have a variety of cardiographs and other acquisition devices, DatamedWL™ and DatamedFT™ can be configured to handle any number of compatible source formats on a single computer.

This product is a bidirectional system that acts as the native management system for the source devices, and as a native source device for the management systems. Each side of the communications utilizes an interactive communication. In some cases (including DICOM® hosts) context items will be cached locally so that they can be used when interacting with the host, even though the actual source device does not support the data. This results in tremendous capability for future interfaces.

Typical Customer Workflow

Device / System Compatibility

Compatible Source Device Manufacturers
Baxter / Hillrom (Mortara®, Welch Allyn®)
DICOM® Devices that support Modality Worklist (DMWL)
Edan Instruments, Inc.
Fukuda Denshi
GE® Healthcare
Nihon Kohden® Corporation
Philips® Healthcare
SCHILLER AG

Compatible EKG Management Systems
AGFA HealthCare Corporation
Baxter / Hillrom (Epiphany, Mortara®)
Carestream Health, Inc.
Cerner Corporation (Oracle)
Change Healthcare (Optum)
DICOM® Systems that support Modality Worklist (DMWL)
Esaote®
Fujifilm Medical Systems
GE® Healthcare
INFINITT Healthcare
Intelerad (formerly LUMEDX Corporation)
Medimatic
Neagen Oy
Novarad® Corporation
Philips® Healthcare
ScImage®

See the DatamedWL™ Service Manual for details and for a full list of all trademarks and their respective owners.

Technical System Requirements

❖ **Computer.** DatamedWL should be installed on the same computer as DatamedFT™. The minimum specifications for the computer (normally a VM) at the time of this printing are: 4GB RAM, 40GB HD, and a LAN connection. The following operating systems are supported: Windows® Server 2016, Windows® Server 2019, Windows® Server 2022, and Windows® Server 2025. The .NET 4.8 Framework (or higher) must be installed on this computer. Check the Datamed LLC website for the latest changes to the system requirements.

❖ **LAN considerations.** DatamedWL™ only communicates over a LAN. Depending on the DEVICEs and SYSTEM supported, certain ports must be enabled on the server and in any relevant firewalls. If DatamedWL is installed on the SYSTEM, it will write files or transmit locally. Otherwise, it will be configured to transmit or write output files across the network to the SYSTEM, so that traffic must be allowed.