DIGIFORT DASHBOARD
Revolutionize Your Monitoring

![digifort logo]

SIMPLE | POWERFUL | TRUSTED

DIGIFORT DASHBOARD TOOL

Streamline Your Surveillance
for Real-Time Insights & Performance Metrics

Real-Time Performance Monitoring

The Digifort Dashboard Tool (DDT) is an advanced, intuitive tool that provides comprehensive, real-time visibility into your surveillance systems. Designed to offer a complete overview of all your camera feeds, system performance, and critical metrics, DDT consolidates vital data into a single, easy-to-navigate interface, empowering operators to monitor and manage your systems more efficiently than ever before.

Health State Visibility

Camera Health Status:

Get immediate alerts for any cameras that are offline, malfunctioning, or experiencing issues.

Recording Status:

Assess the frame rate of each camera to ensure smooth video feeds and quality recordings.

Frame Rate:

Assess the frame rate of each camera to ensure smooth video feeds and quality recordings.

Server and Connection Health:

Keep tabs on server performance, & network connections

Bandwidth Traffic:

Track network bandwidth utilization, ensuring that your system doesn't experience lag or downtime due to network congestion.

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Real-time Insights. Smarter Decisions. Seamless Monitoring.

The Digifort Dashboard Tool enhances surveillance monitoring with real-time cumulated observability, aggregating data from all configured Digifort servers directly in RAM. It delivers the unified overview missing in the Administration Client, providing user-friendly dashboards and instant insight into the health and performance of the entire system in one consolidated view.

Comprehensive Overview

Monitor cameras, visualize anomalies, track performance.

Failover Monitoring

Ensure uninterrupted operation with live failover tracking.

User-Specific Views

Assign tailored access and rights per user.

Forensic Search

Retrieve historical system data with the built-in Dashboard viewer.

a single-glance overview

DDT overviews the Digifort ecosystem, showing system health across servers.

External Deployment Option

DDT needs its own server, a Digifort Enterprise 2-channel base license, and a DDT license.

Custom Dashboards

Supports up to 20 user-right-based tiles, each as an independent webpage inside Digifort. Dashboards can be customized using screen styles and saved views.

Single Server ⟶ **Multiple Servers** ⟶ **Enterprise Scale**

Automatically identifies Master, Slave, and Failover servers from IP lists.

Multicore, multithreaded, adaptive refresh rates.

Standard setups manage 250 servers; larger deployments need custom planning. Each server requires 0.5 GHz CPU.

Encrypted credentials, license linked to Digifort dongle, system & configuration backup.

OSI Layer Mapping

Network Layer
Server recognition using IP addresses.

↓

Transport Layer
Dynamic refresh calculation (HTTP/HTTPS communication).

↓

Session Layer
User rights management and session control.

↓

Presentation Layer
Graphical dashboard with customizable views.

↓

Application Layer
Failover monitoring, analytics, forensic search, user dashboards.

Advanced Functionalities

- ✓ Clickable spot-titles showing detailed object lists.
- ✓ Encrypted credential handling for secure monitoring.
- ✓ Forensic review tools with host-server-only viewer.
- ✓ Import/export server IP lists with validation.
- ✓ Graph or chart threshold alerts.

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Meaningful Metrics on Graphs & Charts

Data visualization is a cornerstone of DDT, enabling you to view key performance indicators (KPIs) via graphs and charts that make it easier to understand complex system data. These visual aids help you:

- Quickly spot trends in system performance and resource utilization.
- Identify any anomalies in camera feeds or server health.
- Track system performance over time to detect early signs of potential problems.

Time and Resource Savings

- Operators no longer need to manually check each device or camera feed individually. Instead, they can instantly access the status of all critical components, drastically reducing the time spent troubleshooting.

Improved Decision-Making

With the real-time data presented in easy-to-read graphs, charts, and status updates, security managers can make informed, quick decisions. Whether it's addressing a technical issue or adjusting system parameters, having real-time insights helps to:

- Ensure operational continuity by proactively addressing potential issues.
- Enhance overall system security through continuous monitoring and evaluation.
- Optimize resource allocation based on performance metrics.

The health state of your entire system is always visible at a glance. Using color-coded status indicators, you can quickly identify if any part of your surveillance network is experiencing problems.

Access Control Panels
73% Working | 27% Not Working | 0% Under Maintenance | 80%

- ✓ USERS & GROUPS
- ✓ RECORDING INFO
- ✓ STREAM INFO
- ✓ CONNECTIONS
- ✓ FAILOVER CAMERAS
- ✓ FAILOVER STATUS

Switches Status
73% Working | 27% Not Working | 80%

- ✓ SERVER STATUS
- ✓ EVENTS
- ✓ MEMORY
- ✓ FRAME RATE
- ✓ ANALYTICS
- ✓ LPR/ANPR

UPS Status
73% Working | 27% Not Working | 60%

- ✓ TRAFFIC
- ✓ RECORDING
- ✓ CPU
- ✓ RAM
- ✓ VIEWING
- ✓ I/O DEVICES

DIGIFORT DASHBOARD TOOL
Specifications & Requirements

Compatibility

- Operating Systems: Windows 7, 8, 8.1, 10, 11, Vista, XP Server 2008(r2) → 2025
- Digifort VMS: Standard, Professional, Enterprise (7.4.0.0+)

Licensing & Versions

- Base license: 2 servers, expandable to 250
- Dongle (HLCK) mandatory
- Valid until greater VMS release; free updates within same version
- Versions: Full (includes FO, I/O, VCA, LPR)

Installation

- Must be installed "as Administrator" in same root folder as Digifort VMS
- Requires elevated admin rights

Performance & CPU Calculation

- Average CPU: 0.5–1 GHz per monitored server
- Example: 20 servers = 10–20 GHz CPU required
- Rule of thumb: Plan for upper range to handle peak loads

Ports

- API: 8601 (primary), 8401 (SSL/TLS, 2028)
- Web Server: 8680 (non-SSL), 8480 (SSL/TLS)

Service Structure

- Main Service: DDT Service.exe
- Per-server process: DDT Process.exe
- Example: 5 servers = 6 processes (1 main + 5 sub-processes)

CONTACT US

We're Here for You Worldwide

Wherever you are, our international teams are ready to assist you. Please find the contact details for your nearest office below.

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