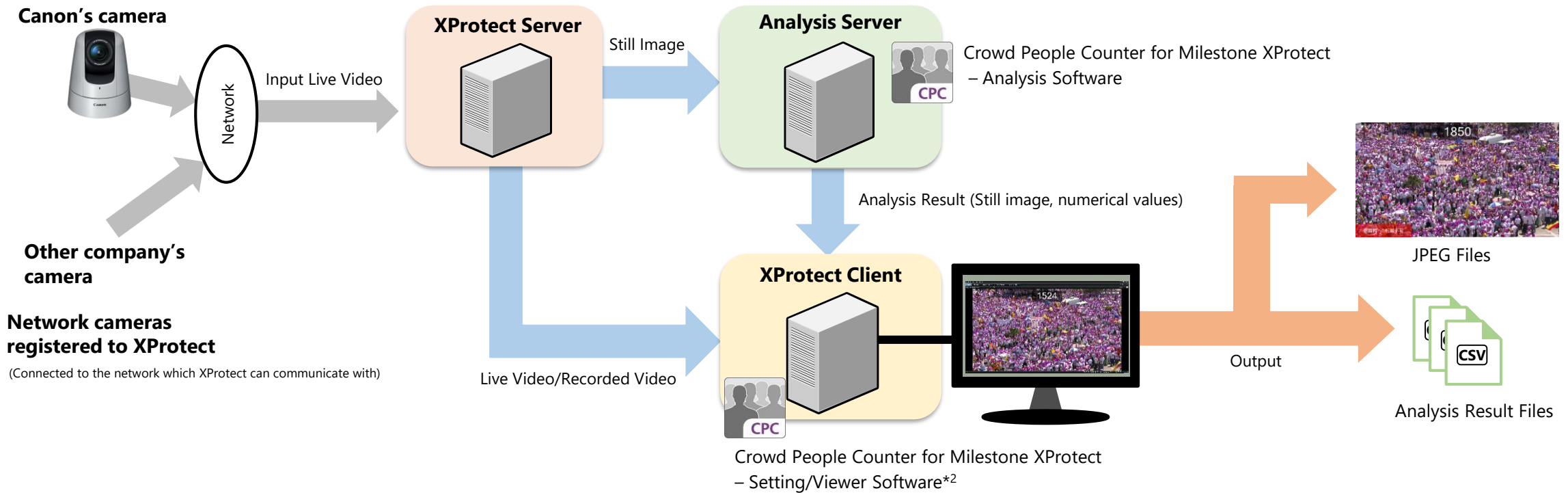# Crowd People Counter for Milestone XProtect - Solution System Configuration

The system of this solution consists of 1) **Network Camera**, 2) **XProtect Server** for video management and recording, 3) **Analysis Server** running the Analysis Software for XProtect, and 4) **XProtect Client** running the Setting/Viewer Software for XProtect.[1]

➢ It is necessary to install "Analysis Software" and "Setting/Viewer Software[2]".
➢ It is possible to configure 2) XProtect Server, 3) Analysis Server, and 4) Smart Client on the same PC.[3]
➢ Analysis Server can be accessed from multiple 4) XProtect Clients, and each Client can display and download the count result.

Canon's camera

Other company's camera

Network cameras registered to XProtect
(Connected to the network which XProtect can communicate with)

Network

Input Live Video

XProtect Server

Still Image

Analysis Server

CPC

Crowd People Counter for Milestone XProtect – Analysis Software

Analysis Result (Still image, numerical values)

Live Video/Recorded Video

XProtect Client

CPC

Crowd People Counter for Milestone XProtect – Setting/Viewer Software[2]

1850

JPEG Files

1524

Output

CSV

Analysis Result Files

*1 Servers such as Milestone XProtect Management Server and Milestone XProtect Recording Server are called "XProtect Server", PCs that the analysis software is installed to are called "Analysis Server", and PCs that Milestone XProtect Smart Client and Setting/Viewer Software are installed to are called "XProtect Client". Also, XProtect Smart Client is called "Smart Client".
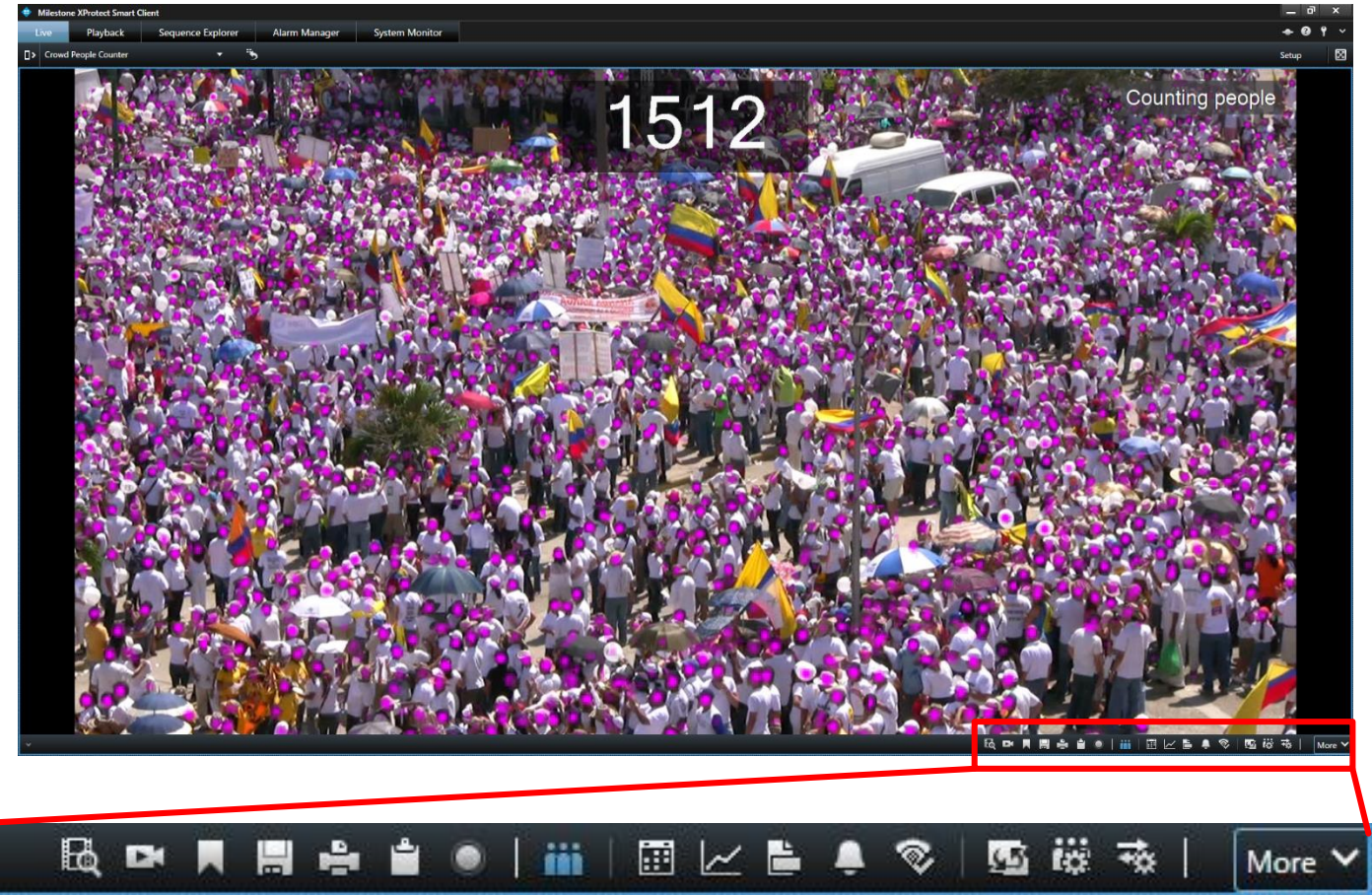
*2 "Setting/Viewer Software" is a plug-in of Smart Client.

*3 Note that configuring more than one system in a single PC affects the analysis time since the processing is concentrated to the PC. For details on conditions, refer to "PC Sizing Guide".

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Crowd People Counter for Milestone XProtect - List of Functions

The XProtect version has the following functions. Operate these functions from the Smart Client screen.

◇ 1. Crowd People Count

◇ 2. Schedule
- Schedule
- Count Options

3. Graph display

4. Downloading the analysis results

◇ 5. Notifying multiple cameras

◇ 6. Progress status

7. Change display

◇ 8. Count settings
- Detection area
- Notifying one camera
- Advanced Settings
- Human body size
- Output settings

9. Connection settings
- Connection settings of the Analysis Server
- ◇ Connection settings of the XProtect Management Server

Enlarged

1   2 3 4 5 6   7 8 9

┌───┐
│ ◇   Functions are available only when logged-in │
│   to the Smart Client as the administrator.   │
└───┘

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