



ThinManager

IP Cameras

ThinManager and IP Cameras

- ThinManager supports MJPEG cameras
- This allows the camera feed to be displayed as a Camera Display Client or an Overlay
- Ethernet provides easier deployment than proprietary closed circuit cameras

Deployment Steps

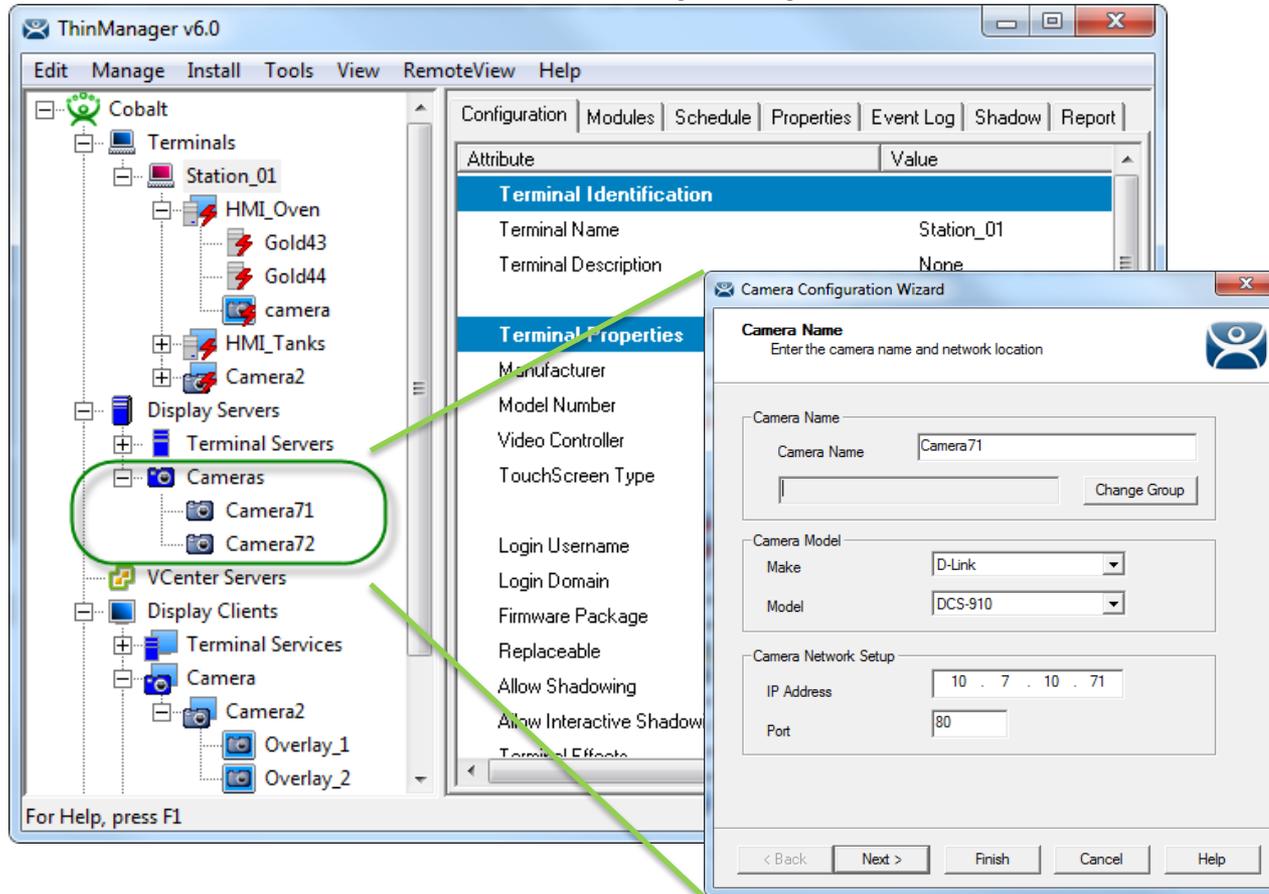
- **Configure IP camera to join your network**
 - Follow vendor guidelines
- Define the camera as a Display Server in ThinManager
 - Requires an administrative account to connect
- Define a Camera Display Client in ThinManager
- Add the camera display client to a terminal and restart

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Camera Display Server

- Define the camera as a Display Server

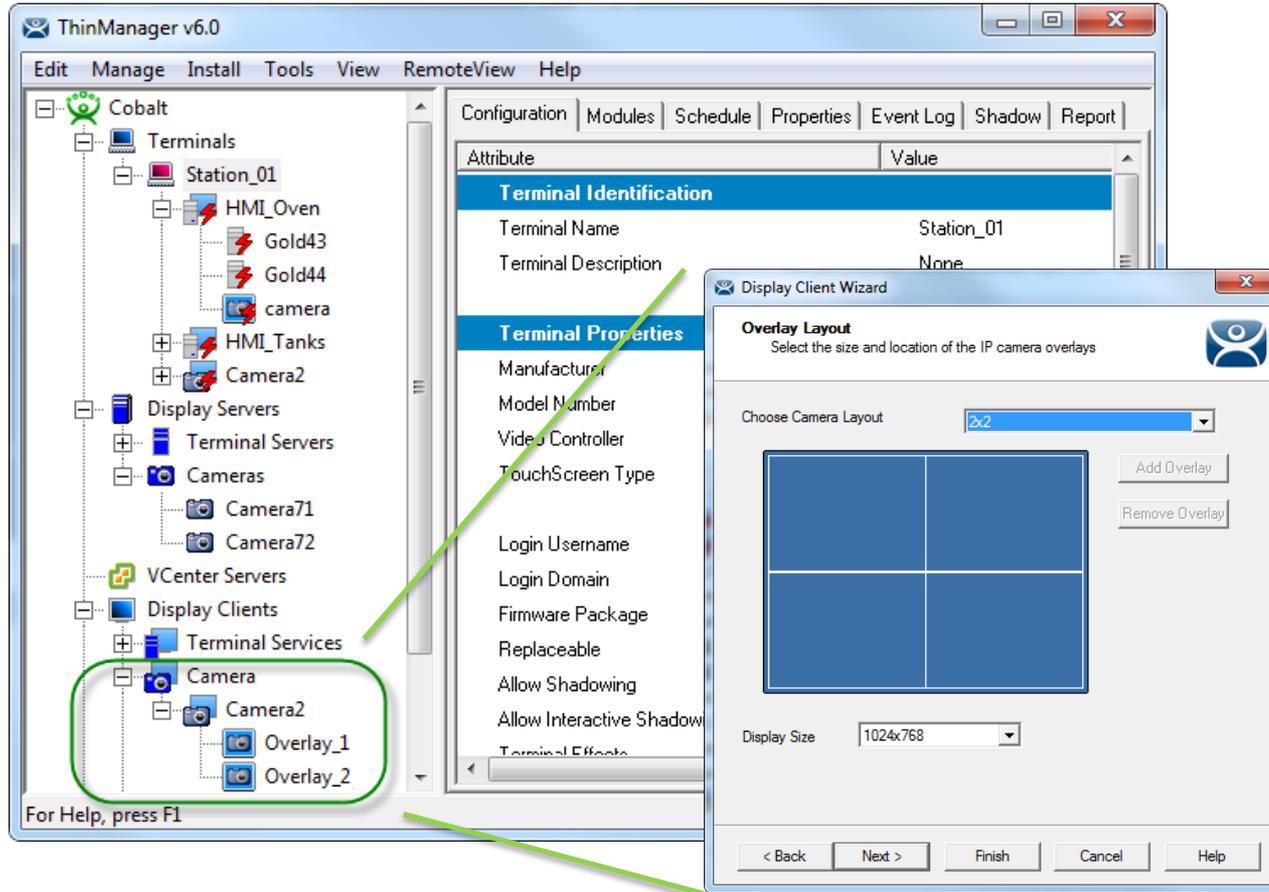


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- **Define a Camera Display Client in ThinManager**
- Add the camera display client to a terminal and restart

Camera Display Client

- Define a Camera Display Client

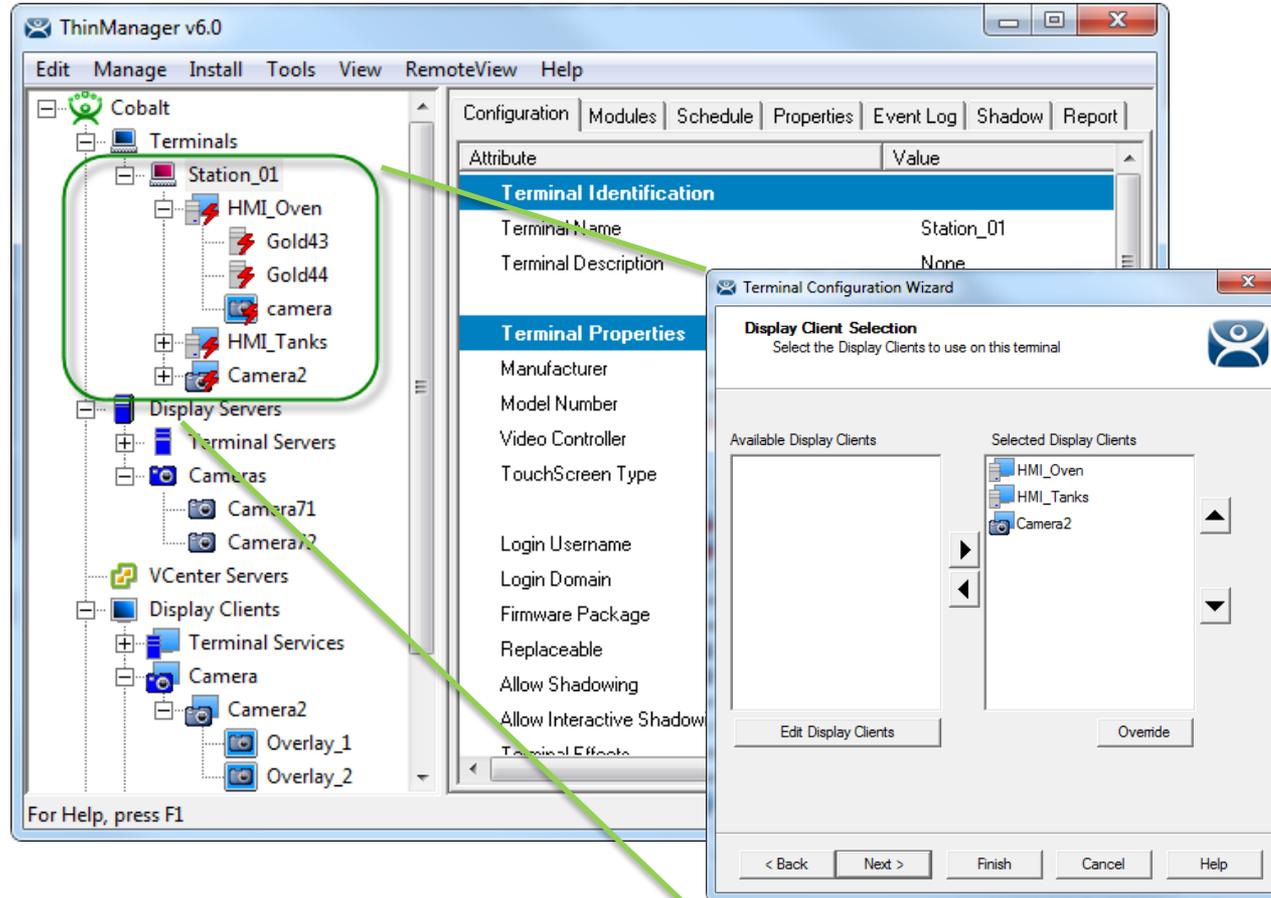


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Terminal Configuration

- Add the Camera Display Client to a Terminal



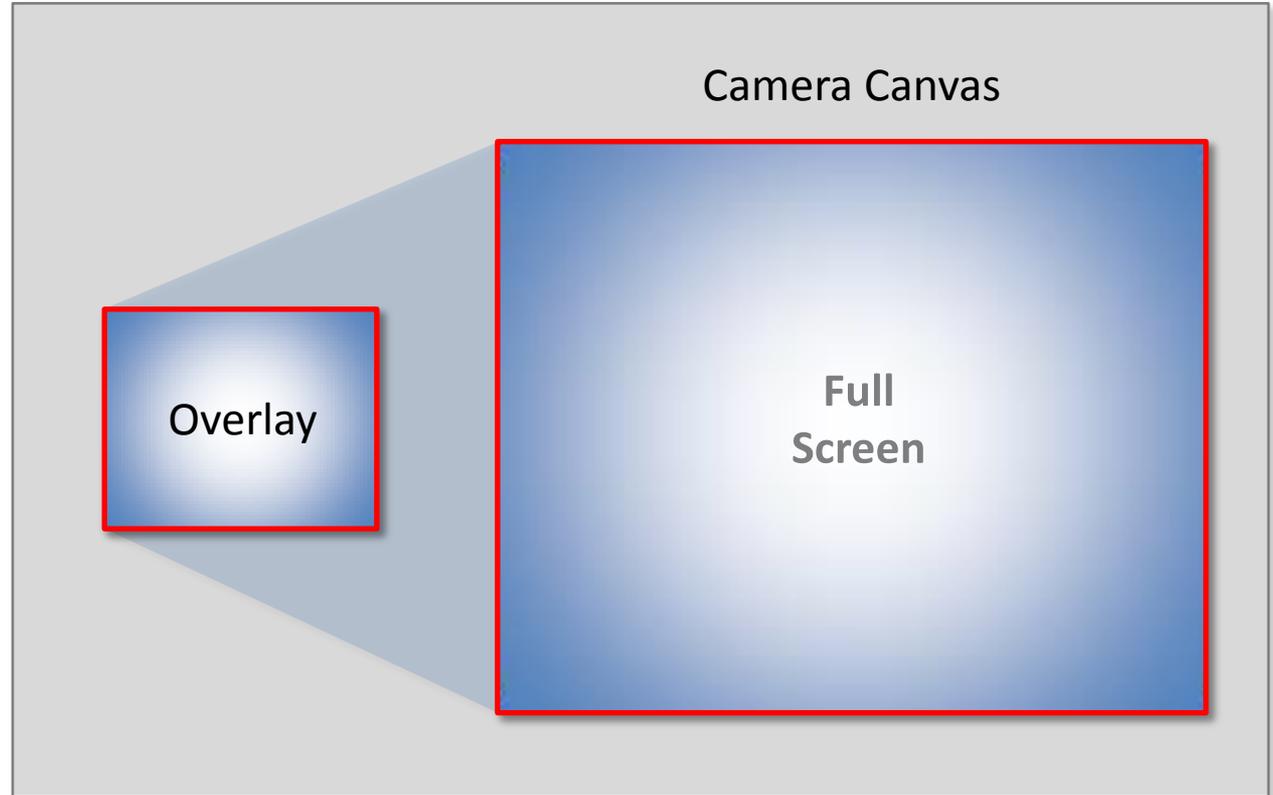
Camera Overlays



- Target
 - Camera Display Client
 - Overlay in other display clients
- Size and Location
- Scaling
- Cropping

Full Screen Overlay

Full Screen Display



Display Client with Custom Overlay

Custom Size & Location



Overlay

Display Client

File Logic Special

Filling **Conc.Inj.** Mixing Transfer Password 09:08

Batch Number	Conc.	Temp.	Level
0	50.0 %	16.4 °C	1550 L
	Normal	Normal	Ack

Real Time Alarms

09:08	LO	ReadLevel	UnTouch	200	

Update Successful Default Query

Plant 31

Reactor Batch

Water

Concentrate

Steam

Product storage

Transfer

Output

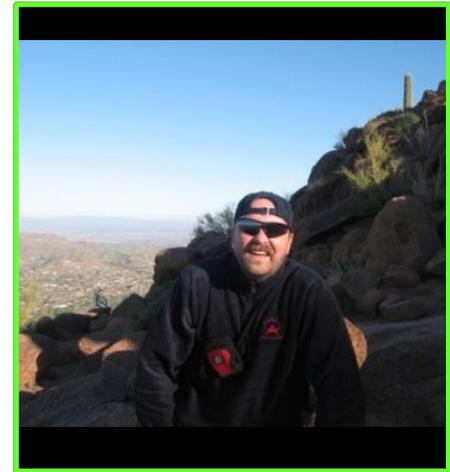
Help (F1)

Reactor Batch % Conc. Hist Trend Maintenance Conveyor

No Scaling, Crop and Fill



Unscaled Result



Cropping



Cropped Result



Scaling

- No cropping required



Scaled Result

Scaled and Cropped



Scaled & Cropped Result



Best Practices

- Use a modern fast thin client
- Display the video in the native resolution
 - Scaling and cropping require processing
- Use the second network port to segregate bandwidth



ThinManager

Thank You