Document to Knowledge™
A CANON COMPANY

IRISPowerscan 11

Connecting to Therefore with IRISPowerscan™ 11 and IRISConnect™

Revision History

Date	Description	Author
20170117	V0.1 Creation	DME
20170127	V1.0 Last revision	DME
20180115	V1.0 Release	TW
20190828	V2.0 – Update for IPS 11	DME

I.R.I.S. SA/NV
Rue du Bosquet 10
B-1348 Louvain-la-Neuve

P: +32 (0) 10 45 13 64
F: +32 (0) 10 45 34 43

www.irisdatacapture.com

Canon
CANON GROUP

Document to Knowledge™
A CANON COMPANY

Table of Contents

1. Introduction 3
2. Background 3
2.1 Therefore connection settings 3
2.2 Connecting to Therefore through the Therefore API 4
2.3 Configuring a connection to a Therefore destination with IRISPowerscan 11 4
2.4 Exporting to Therefore using IRISPowerscan 11 4
3. Connection flavors to Therefore when exporting with IRISPowerscan 11 4
4. Legal Notice 6
4.1 Copyrights 6

I.R.I.S. SA/NV
Rue du Bosquet 10
B-1348 Louvain-la-Neuve

P: +32 (0) 10 45 13 64
F: +32 (0) 10 45 34 43

www.irisdatacapture.com

Document to Knowledge™
A CANON COMPANY

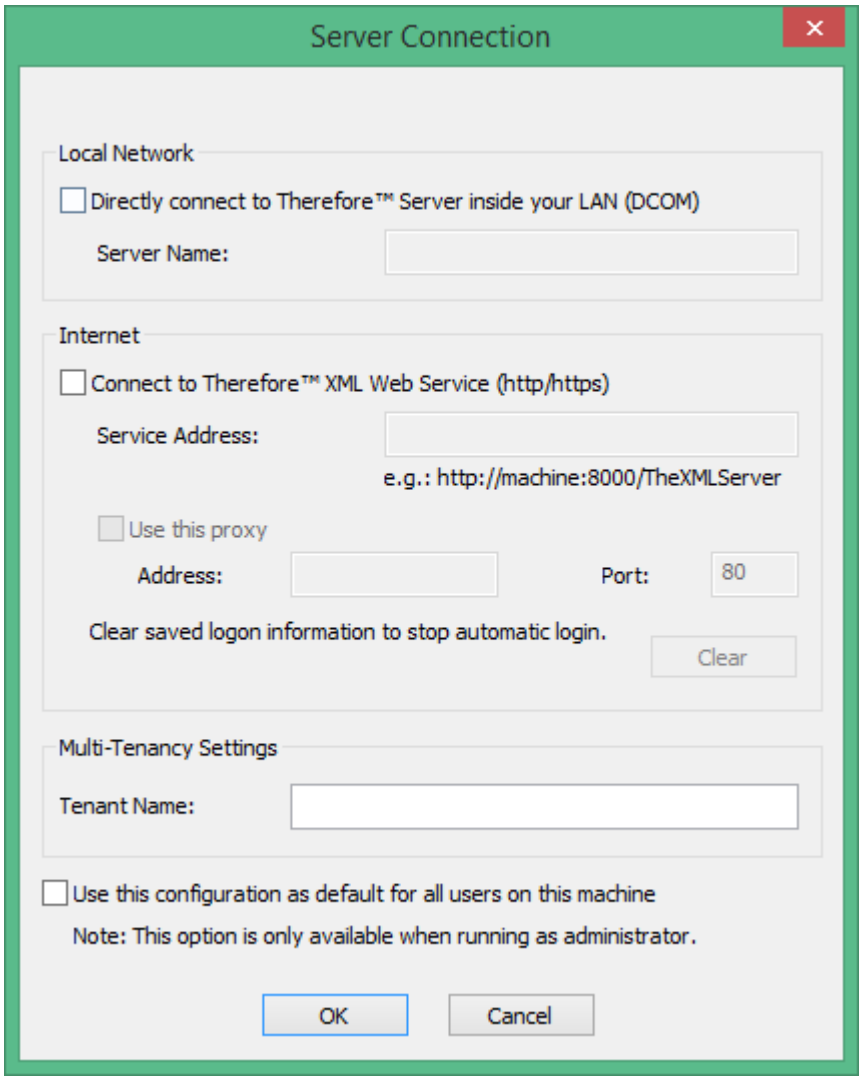
1. Introduction

This document presents different ways to connect to Therefore using IRISPowerscan 11 and IRISConnect.

2. Background

2.1 Therefore connection settings

Connection settings to Therefore server are defined through the Therefore clients. Available options are grouped in the following dialog:



Related information are stored in the Windows registry under HKEY_LOCAL_MACHINE or HKEY_CURRENT_USER depending on the “Use this configuration as default for all users on this machine” is checked or not (note this option is only available when running as administrator).

2.2 Connecting to Therefore through the Therefore API

When connecting to Therefore server through the Therefore API, registry settings are used. The API only allows to specify credentials and optionally a Tenant name.

2.3 Configuring a connection to a Therefore destination with IRISPowerscan 11

Using the IRISPowerscan 11 wizard to configure an output to Therefore, the user as the ability to provide user credentials and optionally a tenant name. Server identification is retrieved from the Therefore settings in the Windows registry.

2.4 Exporting to Therefore using IRISPowerscan 11

The IRISPowerscan 11 export process (to any destination, including Therefore when configured) may be configured to be run by the logged in user or by the IRISPowerscan service (that can be configured to log on as Local System Account or a user defined user account.

3. Connection flavors to Therefore when exporting with IRISPowerscan 11

When exporting to Therefore with IRISPowerscan 11, connection settings that will be used will depend on:

- The Therefore server connection settings (from the Therefore client configuration)
- The credentials that are provided to IRISPowerscan 11
- The choice to run the export by the user or the service. When the latter is chosen, the setting that will be used depends on the service loggin settings, either local system account or domain user

The following table summarizes the various combinations and draws attention to invalid ones.

Connection settings (Therefore client configuration)		Credentials (IRISPowerscan 11 destination configuration)	Export running as:			Valid
Server	Configured for:		Supervisors	Service (Local System Account)	Service (Domain user)	
Local Network	Current user	Provided	Y			Yes (1)
Local Network	Current user	Not provided (blank)	Y			Yes (2)
Local Network	Default	Provided	Y			Yes (1)
Local Network	Default	Not provided (blank)	Y			Yes (2)
Local Network	Current user	Provided		Y		No (3)
Local Network	Current user	Not provided (blank)		Y		No (3)
Local Network	Default	Provided		Y		No (3)
Local Network	Default	Not provided (blank)		Y		No (3)
Local Network	Current user	Provided			Y	Yes (1)
Local Network	Current user	Not provided (blank)			Y	Yes (4)
Local Network	Default	Provided			Y	Yes (1)
Local Network	Default	Not provided (blank)			Y	Yes (4)
Internet	Current user	Provided	Y			Yes (1)
Internet	Current user	Not provided (blank)	Y			No (5)
Internet	Default	Provided	Y			Yes (1)
Internet	Default	Not provided (blank)	Y			No (5)
Internet	Current user	Provided		Y		Yes (1)
Internet	Current user	Not provided (blank)		Y		No (5)
Internet	Default	Provided		Y		Yes (1)
Internet	Default	Not provided (blank)		Y		No (5)
Internet	Current user	Provided			Y	Yes (1)
Internet	Current user	Not provided (blank)			Y	No (5)
Internet	Default	Provided			Y	Yes (1)
Internet	Default	Not provided (blank)			Y	No (5)

(1) Configuring and running the export to Therefore will work providing valid user credentials.

(2) Configuring and running the export to Therefore will work provided that the user running IRISPowerscan has DCOM access to Therefore server.

(3) Although configuring the export to Therefore may work, running the export will fail. The Local System Account has no right to create DCOM object on a remote computer.

(4) Configuring and running the export to Therefore will work provided that the user running IRISPowerscan has DCOM access to Therefore server (for configuration) and the user the service is configured to logon with has DCOM access to the Therefore server (for processing).

(5) Cannot be configured. User must be identified to connect to the Therefore Web Service.

4. Legal Notice

4.1 *Copyrights*

© 2019 I.R.I.S. All Rights Reserved.

I.R.I.S. SA/NV
Rue du Bosquet 10
B-1348 Louvain-la-Neuve

P: +32 (0) 10 45 13 64
F: +32 (0) 10 45 34 43

www.irisdatacapture.com