RemoteApp Express
For Remote Desktop Services
Version 1.5.0

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I - INTRODUCTION

RemoteApp Express is a complementary utility program for **Remote Desktop Services**. This program provides the ability, on the local machine, a quicker way to open any document file (Word, Excel, PDF, etc) with the default associated program on the RDSH server (Terminal Server) via a generic published **RemoteApp**.

II - INSTALLATION

This program works only for **Remote Desktop Services**. You must be familiar with setting up and publishing **RemoteApp** procedures.

This version works only with Windows 2012R2 and previous versions on the server side.

<u>Requirement:</u> drive mapping must be enabled. File on local machine must be accessible following the standard mapped name. e.g.:

"c:\my documents\myfile.docx" on the **local** machine will be transformed to **"\\tsclient\c\my documents\myfile.docx"** on the local machine before sending to the **server** side.

File on a **network drive** (e.g: **"x:\myfile.docx"**) will **not** be transformed before sending to the server. **By default**, it will be transformed when arriving on the server.

1 - SERVER-SIDE: (Server folder)

Execute the installation file **RemoteAppExpressS.msi**, it will install a **RemoteAppExpressS.exe** program. You need to publish this program as **RemoteApp**. The RDP file of this published application need to distribute on the client machine.

After the installation, by default, this program allows only text (.txt) and PDF (.pdf) file types to be opened on the server. More file types can be added by modifying this registry key on the server:

HKEY_LOCAL_MACHINE\SOFTWARE\MQTechnologies\RemoteAppExpress\AllowedFileType

Add file extension to the allowed list, each extension must be preceded with a point and separated with a semi-colon (;). E.g.: ".txt;.pdf;.doc;.docx;.xls;.xlsx"

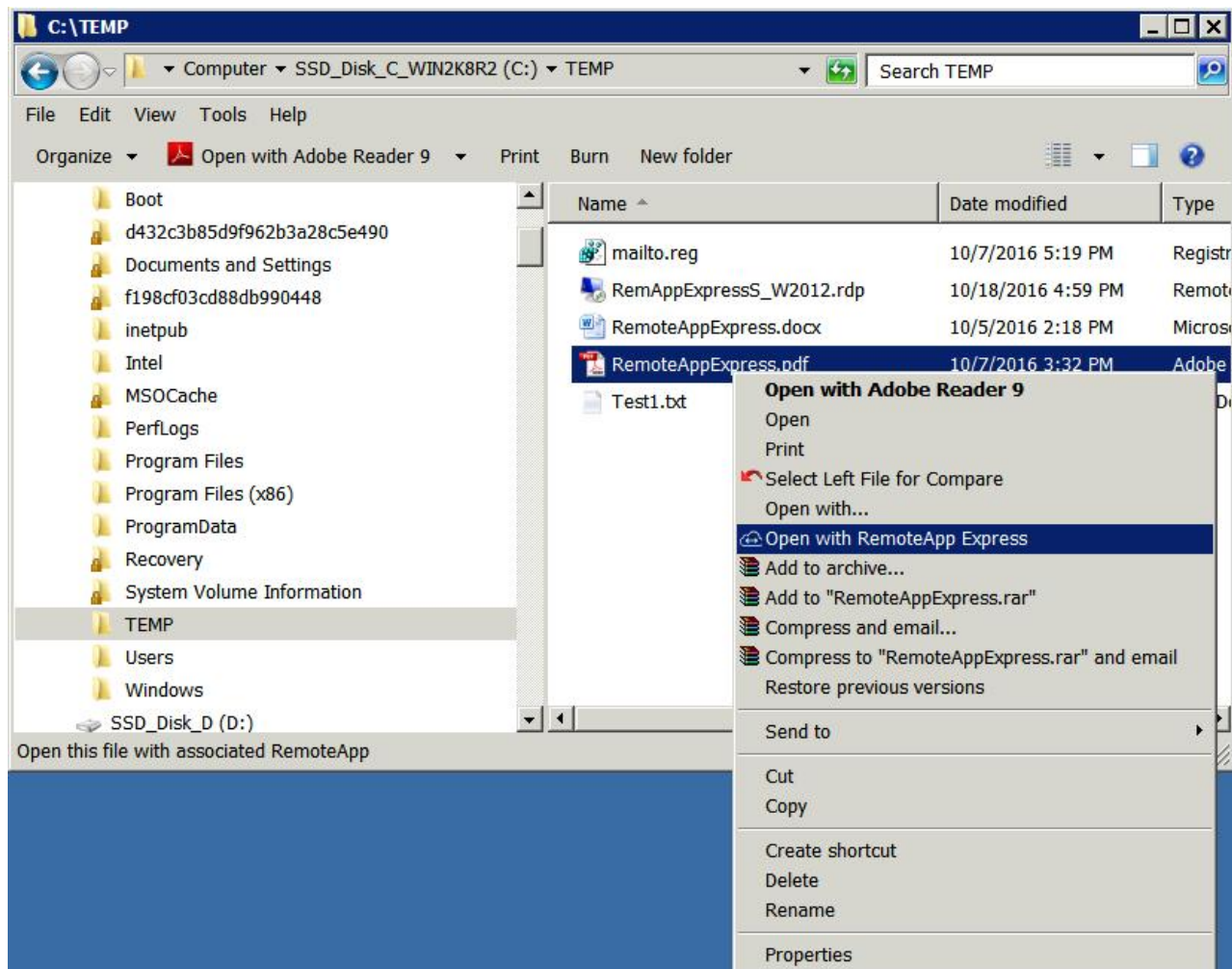### 2 - CLIENT-SIDE: (Client folder)

Execute the installation file **RemoteAppExpress_x86.msi** or **RemoteAppExpress_x64.msi** depending on the Windows version on the client (local) machine.
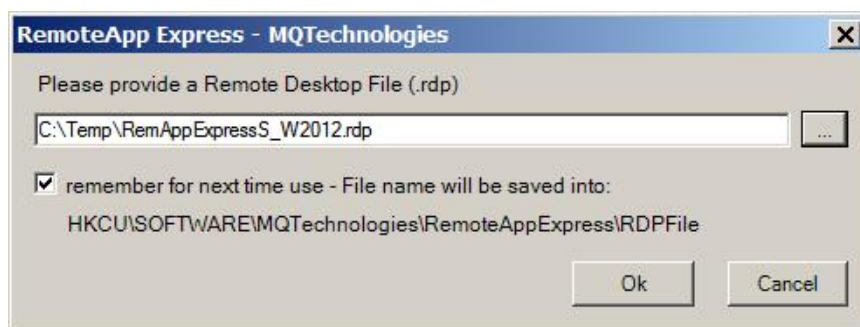
III - USING

The most usually way to use this program is from the **Windows Explorer** context menu, right click on a document file and select "**Open with RemoteApp Express**":

The very first time, if there is no RDP file previously selected, the file browsing form will be displayed for user to select the RDP file.

The Ok button will be enabled only if the file exists. Once confirmed, RemoteAppExpress.exe will use that file to connect to the RDSH server . The file name may be saved to registry for future use. The default registry location is HKLM. To change this value to HKCU, open the RemoteAppExpress.exe.config and change the setting to:

```
<add key="RegistryLocation" value="HKCU" />
```

This program can be also used as a command line from the **local** (client) machine. The command line syntax is:
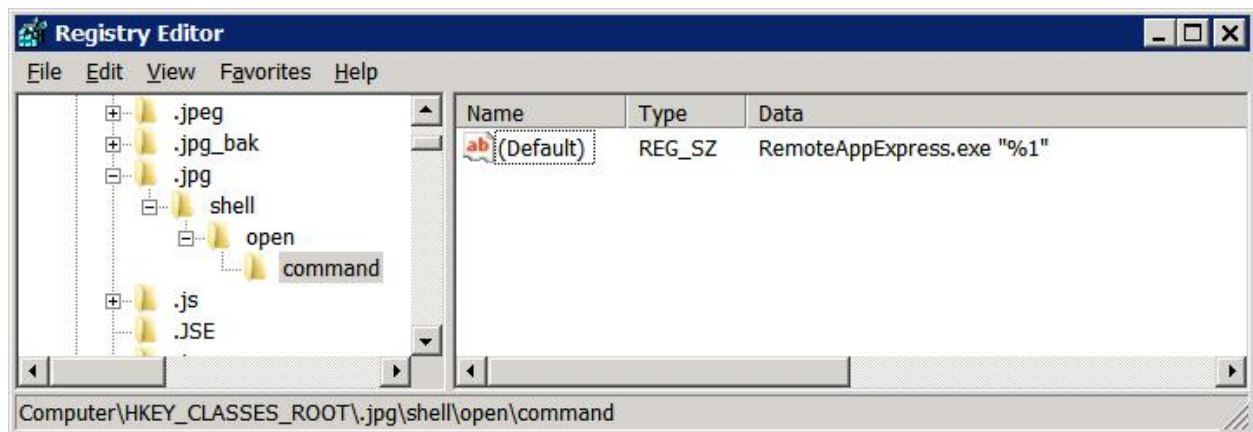
RemoteAppExpress.exe *DocumentFile RemoteApp.rdp*

Where:
DocumentFile: any document file on the local side. e.g: "c:\my documents\WordFile.docx"

RemoteApp.rdp: this is the RDP file that connects to **RemoteAppExpressS.exe** RemoteApp published on the server. This parameter is optional, if it's omitted, the program will prompt for browsing this file.

For security reason, no executable file types will be allowed to launch.

If you want to enable Double click on a document file type to open with **RemoteAppExpressS.exe** RemoteApp program on the server, you can create a file association in the registry. For example, to associate JPG file type, create the Shell registry key:

The command line can contain a specific RDP file like:
RemoteAppExpress.exe "%1" "c:\RemoteApp\RemoteAppExpressS.rdp"

For other file type, Google for **File Type Associations** for more information

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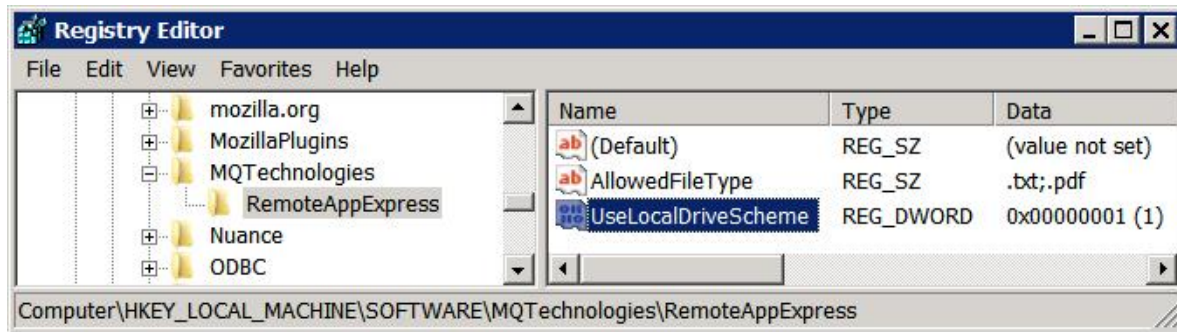By default, file name will be converted by using drive mapping standard, e.g: **c:\temp\myWordDoc.docx** will be converted to **\\tsclient\c\temp\myWordDoc.docx** on the server side.

In some situation, if a network drive is mapped on both client and server sides, the file name conversion can be disabled by setting the registry key on the server: **HKLM\SOFTWARE\MQTechnologies\RemoteAppExpress\UseDriveMappingScheme**

UseDriveMappingScheme = 1 (default): all file names will be converted to \\tsclient\ naming standard

UseDriveMappingScheme = 0 : file on <u>network drive</u> (ex: **z:\ DocumentABC.docx**) will not be converted. It will be opened directly on the server as **z:\ DocumentABC.docx**. File on fixed drives will always be converted to \\tsclient\ naming standard.

Release notes:
- 2019-01-19: version 1.6
- 2017-05-31: version 1.5
- 2016-10-05: version 1.0

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Please contact contact@mqtechnologies.com for any question