

## IT Pro Experts Packaging for Microsoft App-V and MSIX

### Tim Mangan

Tim Mangan originally ran the development group at Softricity, a leading provider of application virtualization at that time. Microsoft acquired Softricity in 2006 to build App-V using their technology. Since then, Tim provides trainings and wrote several books about App-V. Tim is recognized by Microsoft as a “Most Valuable Professional” (MVP) and is the absolute authority instructing App-V technology.

This 5-day training is delivered in English

## IT Pro Experts Packaging for Microsoft App-V and MSIX

### Equipment:

RealStuff will provide desktop Computers to access the Labs. You are welcome to sequence on your own VMs, on your laptop or back in your office via VPN, but we do provide all of the VMs you need.

### Prerequisites and abstract

A 5-day hands-on class where you will learn the concepts, techniques, and latest tricks to be successful and packaging and configuring applications for delivery within the Enterprise using both Microsoft App-V and MSIX.

Whether you use modern or traditional application delivery methods, the applications your company depends on must be customized, and in many cases remediated to work in today's desktops. MSIX is the future for new applications, you will also need App-V because MSIX will be much more work for older apps and just cannot handle others.

### Course goals:

After attending this class you will be able to:

- Select the right App-V / MSIX deployment architecture for your company.
- Know how to install and administer all App-V / MSIX components.
- Learn how to sequence (prepare) applications for virtualizations.
- Learn how to troubleshoot problems that arise.

### Duration:

5 days

### Material:

Concepts- Administration and Sequencing guides.

### Language:

English

The course will cover the following modules:

### **Concepts of Packaging**

- Principals and rules of Packaging
- Anatomy of an installer package and the Windows API
- Principals of Redirection and Copy-on-Write
- Filter Drivers, Function hooking, and DLL Injection

### **Overview of Delivery Options**

- Including App-V Server, SCCM, Intune, Store for Business, and PowerShell

### **Fundamentals of the App-V Package Format and Runtime**

### **Fundamentals of the MSIX Package Format and Runtime**

### **Setting up VMs for Packaging and Testing**

- Setting up an App-V Sequencing Station
- Setting up a MSIX Capture Station
- Setting up a “Smoke Test” Station

### **Packaging with App-V and MSIX**

- 7 Hands-on Labs covering Best Practices, VFS and PVAD techniques, Plug-Ins, Connection Groups, RunVirtual, Pellucidity, Scripting, Templates, and Advanced Functions.
- 7 Hands-on Labs covering Best Practices, VFS and Specified Install Folder techniques, Modification Packages, PSF Fixes.
- PowerShell for App-V and MSIX
- Debugging Techniques for App-V and MSIX
- Using Third Party Tools with App-V and MSIX

### **Conversion from App-V to MSIX**