Provisioning of Apple Silicon and Intel Macs

Timothy Perfitt
Founder, Twocanoes Software
tperfitt@twocanoes.com

Mac Deployment Landscape Has Changed

- Apple Silicon Macs have mostly replaced Intel Macs

- Process for deploying Apple Silicon Macs is focused on restoring the OS in DFU mode

- MDM has become a hard requirement in most environments

- Other related tools have been released that are better suited for specific tasks for deploying Macs

- Code signing Requirements for running plugin and services

Our Tools Are Evolving

- MDS 6: Erase any Intel Mac. Set up any Mac. Host Workflow Images.

- DFU Blaster Pro: Automate Apple Silicon OS Restores

- Automaton: Optimize Deployments

MDS 6 Changes

- Focused on deploying modern Macs

  - Workflow to erase Mac (Intel)

  - Install needed users, and software and set up for immediate usage for Intel and Apple Silicon

  - Work with DFU Blaster and Automaton to optimal setup

Demo of MDS Workflow and Cloud Setup

MDS 6 Changes

- Removed:

  - Munki: Largely unused in MDS.

  - MunkiReport: PHP version issues slowed adoption on macOS.

  - MicroMDM: Low adoption. Cloud MDM now

  - Apple Silicon Restore: Moved to DFU Blaster

  - Download macOS: Prompt and use Mist.

  - Remote Logging Server: Moved to webhook.

DFU Blaster (Pro)

- Free with Paid Pro Features

- Only on Apple Silicon

- Uses Apple Configurator Command Line

DFU Blaster (Pro)

- Automation

  - Auto DFU

  - Auto Restore

  - Auto Recovery

- Inventory

  - Serial Number / QR Code

- Security

  - OS Version
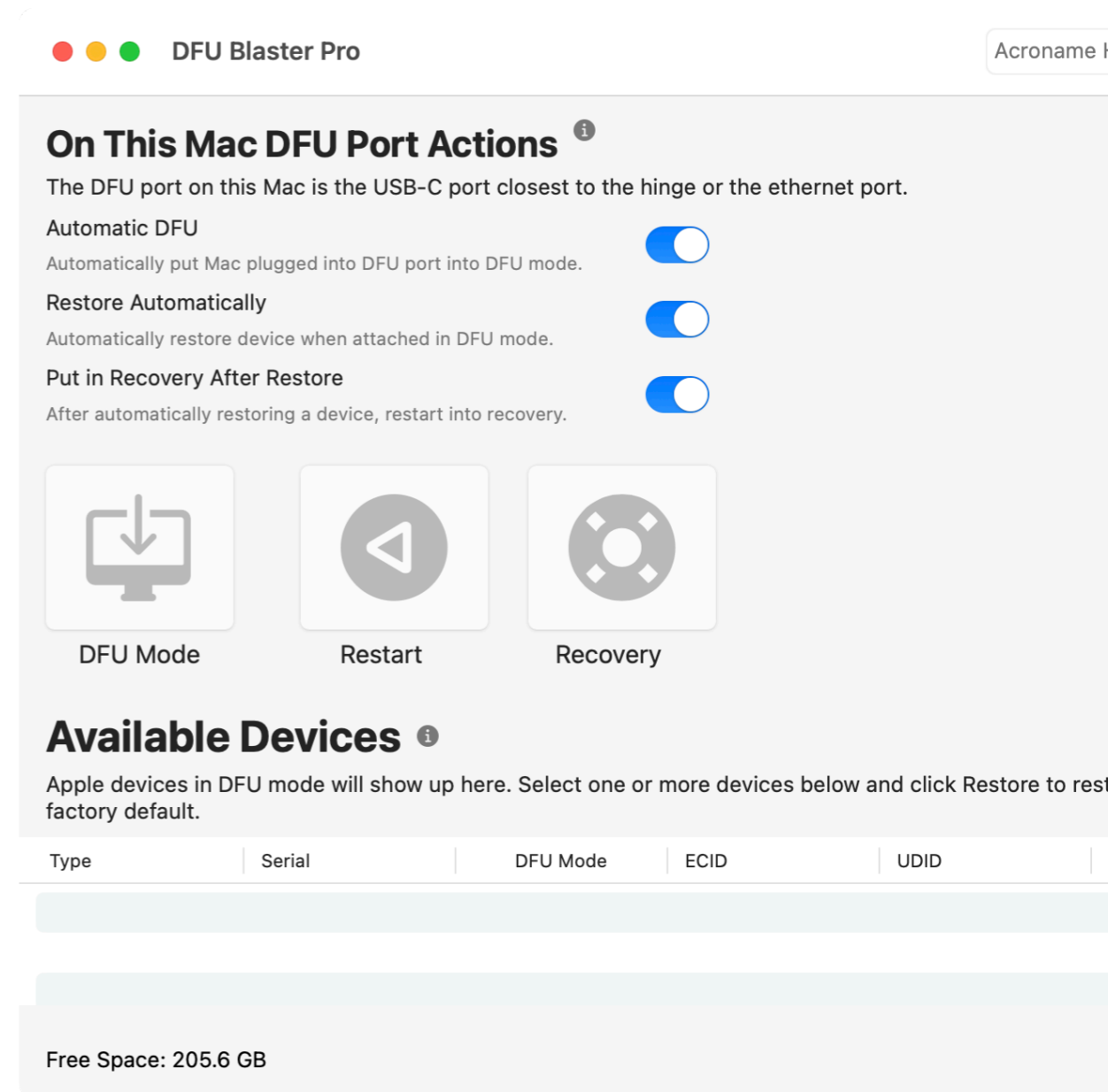
Apple Silicon Deployments

- Single

  - Auto DFU

      - Boot to Recovery

      - Insert Automaton to run Workflow

    - or

      - Apple School/Business Manager to enroll in MDM to complete setup

Apple Silicon Deployments

- Partially Automated

  - Auto DFU each Mac

  - Plug into USB Hub

  - Restore All at Once

      - Insert Automaton to run Workflow

    - or

    - Apple School/Business Manager to enroll in MDM to complete setup

Apple Silicon Deployments

- Fully Automated

  - Plug all Macs into Acroname Hub

  - Restore All at Once

    - Insert Automaton to run Workflow

  - or

    - Apple School/Business Manager to enroll in MDM to complete setup

Acroname Hub3c

Demo of DFU Blaster

Automaton 2

- Automate anything that can be operated by a keyboard.

- Start MDS Workflow

- Erase Mac

- GUI Scripting

Demo of Automaton 2 App

More Info at twocanoes.com