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PaperCut Advanced Technical Training Agenda



PaperCut MF Success
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ACCDI

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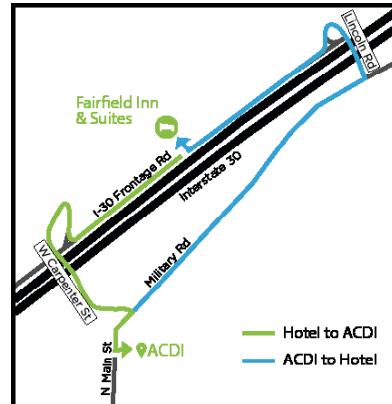
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TRAINING LOCATION

ACDI Headquarters
403 N Main St,
Benton, AR 72015
(800) 990-2234
acd-inc.com



HOTELS NEARBY

You are responsible for the payment of your hotel room and transportation to and from the training location. You are welcome to make arrangements at any hotel you prefer, but we suggest The Fairfield Inn & Suites.

Fairfield Inn & Suites (2.0mi)

17320 Interstate 30 North

Benton, 72019

+1(501) 722-6330

<https://www.marriott.com/hotels/travel/litbn-fairfield-inn-and-suites-little-rock-benton/>



For questions, please call 800.990.2234 or email training@acd-inc.com

TUESDAY

PAPERCUT ADVANCED TECHNICAL TRAINING ITINERARY

Session 1 | Orientation

8:00	Welcome Introduction What to expect
8:30	Introduction to ACDI Who we are and what ACDI offers
9:00	PaperCut Ecosystem Where everyone fits
9:15	PaperCut Reseller Portal Downloads and Documentation Install Archive Percolator
10:00	15-min Break

Session 2 | PaperCut Enterprise Infrastructures

10:15	Enterprise Level Printing Instructors: Kris Robertson
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Microsoft

- Microsoft Print Server optimize
- Load Balancing
- Clustering
- Virtualization
- Citrix
- Server Commands

12:00 Group Lunch Onsite

1:00	CUPS Instructor: Rafael Adjunta
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- What is CUPS
- What systems use it (Mac/Linux)
- Use cases where CUPS server may be beneficial (Predominantly Mac or Linux environment)
- How to install PaperCut onto macOS
- How to access CUPS to setup a Find-Me Print queue
- Using the printer monitoring command
- PCMF Secondary Server Installation on macOS with Windows as PC Application Server (Open Discussion)
- PCMF Site Server Installation on macOS with Windows as PC Application Server (Open Discussion)

Linux

Instructor: Rafael Adjunta

- PCMF Application Server Installation on Linux (Ubuntu or CentOS)
- How to install PaperCut onto Linux (install using Terminal)
- Syncing Users from OpenLDAP and Active Directory
- Configuring CUPS to track prints from Linux
- PCMF Secondary Server Installation on Linux (Ubuntu or CentOS) with Windows as PC Application Server (Open Discussion)
- PCMF Site Server Installation on Linux (Ubuntu or CentOS) with Windows as PC Application Server (Open Discussion)

4:00

HIVE | Introduction

Instructor: Kris Robertson

On Boarding

- Email
- Auto Deploy (GPO)
- Auto Link (Intune)

Print and Release

- Mobile
- Desktop

Parts and Pieces

- Edge Mesh
- Printers
- Profiles
- Deploying Printers

App Data Folder

4:45

Recap | Q & A

Session 3 | PaperCut Advanced**8:30 Site Servers**

Instructor: Kris Robertson

- Use case scenarios
- Installing
- Off Line Policies
- Resiliency
- Site Server roles - Online and Offline

Instructor Installation

- Naming Convention
- Permissions

Class group installation

- Install Site Servers
- Set-up offline policies
- Test offline capabilities
- Authentication via ID or Card
 - Printing
 - Copying

10:30 15-min Break**10:45 Advanced Directory Services**

Instructors: Kris Robertson

- Discuss different directory types
- Focus on AD
- Syncing to multiple domains
- Trust needed
- Using AD groups to manage PaperCut

12:00 Group Lunch Onsite**Session 4 | Backups | Database Migrations****1:00 Database Options**

Instructor: Kris Robertson

Apache Derby

- Limitations

Internal vs. External Database

- Use case scenarios

Backup and Restore

- Moving the Backup to Network Storage (off-server)

Database Migrations

- Moving to SQL Express demonstration

Student Migration

- Backup and restore database
- Complete Database migration to SQL Express

Session 5 | Mobility Print**3:00 Mobility Print | MS | macOS | Android | Chrome**

Instructors: Kris Robertson

- Overview
- Installation
- Advanced DNS Configuration
- Off - Network Printing

Session 6 | ACDI Integration Services**4:00 Introduction to Integrations**

Instructors: Matt Smith

- When to integrate and why
- Use cause scenarios
- Most common setups
- Open discussion

4:45 Recap | Q & A**6:00 Group Dinner**

THURSDAY

PAPERCUT ADVANCED TECHNICAL TRAINING ITINERARY

Session 7 | PaperCut Multiverse

Instructor: Kris Robertson

8:30 Overview and Use Case

Adding a Customer

- Account
- System Health

Remote Management

- App Server
- Devices

9:30 PaperCut Mobile Print Options

Instructor: Kris Robertson

- Mobility Print
- Off Network Printing
- iOS
- Web Print
- Email to Print

10:30 15-min Break

10:45 Embedded Advanced

Instructor: Kris Robertson

Advanced Configuration

- Discuss advanced config keys
- When to make a machine change vs. global change
- Fine Grain access and who supports it
- Integration Matrix - Who's who

Customizing Interface

Customizing the End User experience

- Colors
- Logos
- Messages

Complete activities on multiple devices on-hand

12:00 Group Lunch Onsite

Demonstrate email & folder templates

- To oneself
- To pre-defined email
- Allow changes
- Disallow changes

1:30

Advanced Scripting

Instructors: Matt Smith

- Scripting overview
- JavaScript
- Print Script demo
- Print script API
- Use case problem 1 and print script modification
- Have the class make a similar modification
- Use case problem 2 (more difficult)
- Use case problem 3 (most difficult)
- Additional Q & A

Session 9 | Advanced Troubleshooting Techniques

2:30 Advanced Troubleshooting

Instructor: Jeremy Pranger

- How to enable debugging in the Print Provider, Mobility, application, MFD's
- How to read debug logs
- Integrated Scanning to folder/email (permissions)
- How to troubleshoot driver related issues
- Site Server issues - Embed communication to and from the app/site server
- Troubleshooting Print Deploy
- Troubleshooting Mobility Print
- Troubleshooting resource issues (i.e., in logs adding RAM via config file)

5:00 Class Dismissed

Session 8 | Integrated Scanning

1:00 Scanning with PaperCut

Instructor: Kris Robertson

- Permissions
- Service Accounts
- Destinations Available
- Access
- OCR | Cloud vs. On-Prem

FRIDAY

PAPERCUT ADVANCED TECHNICAL TRAINING ITINERARY

Session 10 | Hardware

8:30 Hardware | Card Readers | Coin Ops

Instructor: Seth Ingram

Types of Card Readers

- Proximity
- Mag Stripe
- Bar Code
- Network

Programming Card Readers

- Regular Expressions
- Scripts

EX 2000 BCC

- Overview
- Configuration
- Demonstration

RSX 1000

- Overview
- Configuration
- Demonstration

Session 12 | PaperCut HA

11:30 PaperCut : High Availability

Instructor: Kris Robertson

- Application Server Failover
- Active/Passive Mode
- System requirements
- PaperCut NG/MF version 20 or higher
- A Network Load Balancer
- 2+ servers (virtual or physical)
- A highly available external database
- A persistent network drive
- Print Server's running Secondary or Site Server
- Configuration Overview and Best Practices
- Print Server Discussion
- Print Objects
- DNS on Wire

Session 11 | Print Deploy

10:00 Print Deploy Overview

Instructor: Kris Roberston

- Server Requirements
- Client Requirements
- Driver Requirements
- Determining Print Environment
- Print Server Environment
- Workstations joined/not joined to the local domain
- Serverless Printing Environment (Direct Print)
- Cloner Tool
- Reference Computer(s)
- Print Deploy Client rollout
- Deploying Printers

11:00 Working Lunch