

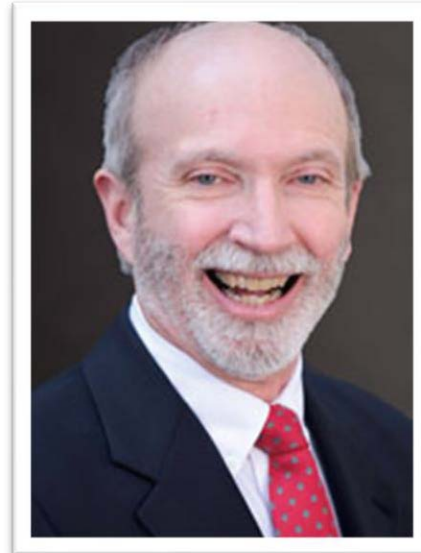
AVP Applications in a Changing World

FORCAST

FIRST

FINAID

Presenter



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Learning Objectives

1. Identify the most important consideration for deploying AVP applications.
2. Compare the strengths and weaknesses of cloud-based deployment paths.
3. Determine which deployment approach is best for you.
4. Describe how to reduce FORCAST/FIRST data entry burden

Deployment Options

1. Original

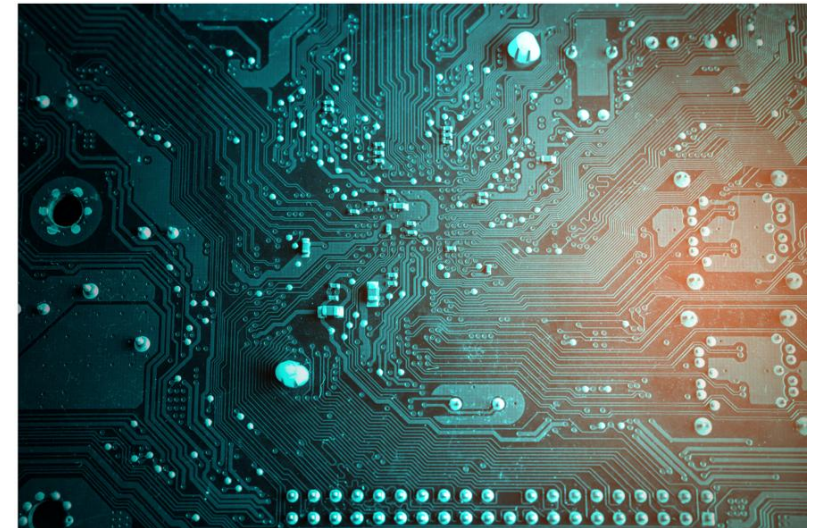
- Local desktop stand-alone
 - Everything stored on C:\ including the data file

2. Typical Current

- LAN + Fileserver
 - The application stayed on C:\ but the data file moved to a fileserver
 - Multiple users can access file servers the same data file (one at a time)
 - The data file is easier to back up

3. The Future

- “The Cloud”
 - But how?



Cloud Deployments

DO

- Keep everything together
 - Application + data file on the same cloud desktop
 - Use low-latency (fast) file I/O

DON'T

- Separate the application and its data file
 - Data file in the cloud, but application left behind on the local desktop
 - Examples: MS SharePoint / OneDrive



Cloud Vendors

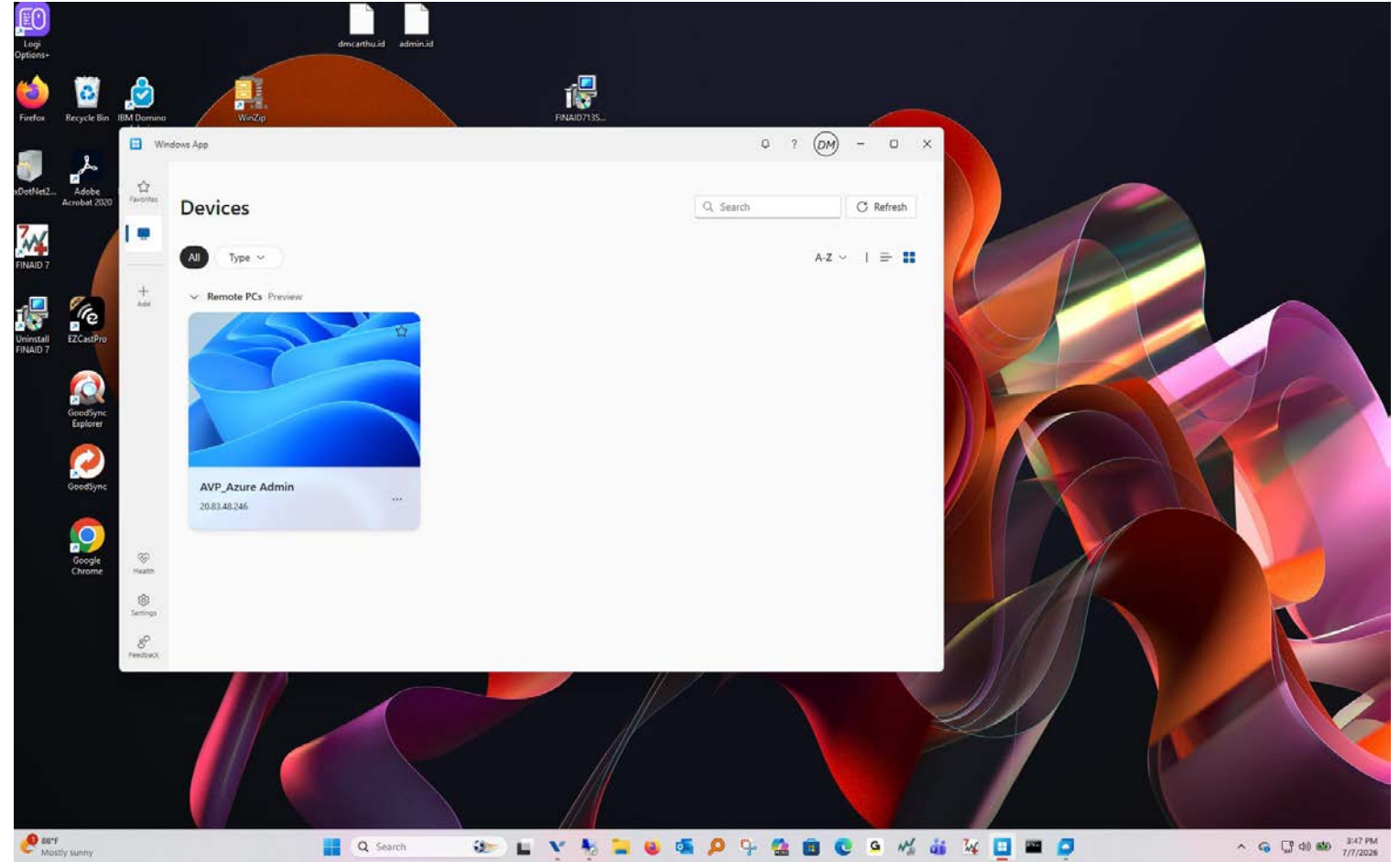
Running FORCAST / FIRST / FINAID in the Cloud

1. Microsoft Azure
 - AVD – Azure Virtual Desktop (a full Windows desktop)
 - Azure Remote Application or “Published” App
2. Amazon Web Services (AWS)
 - Amazon Workspaces (full Windows desktop)
 - AWS AppStream 2.0
3. Each mirrors the original design architecture
4. Choose the one that best fits your organization
 - Where your other applications are installed
 - Do you need full desktop or not?

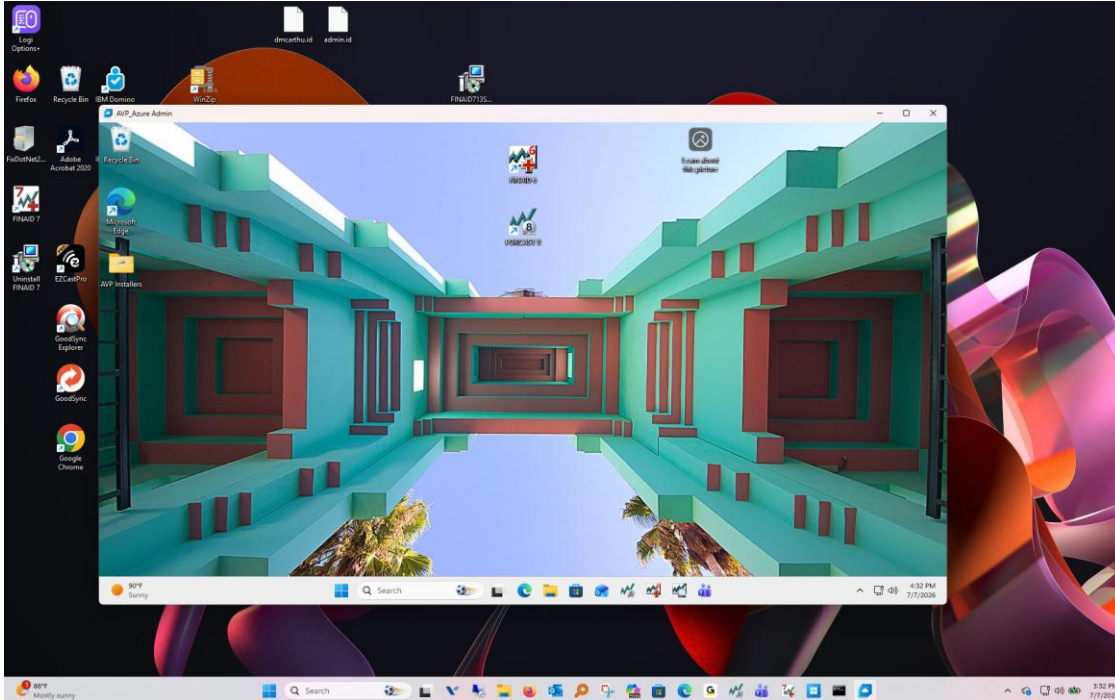


The Windows App

The Windows App on your local PC provides access to Azure.



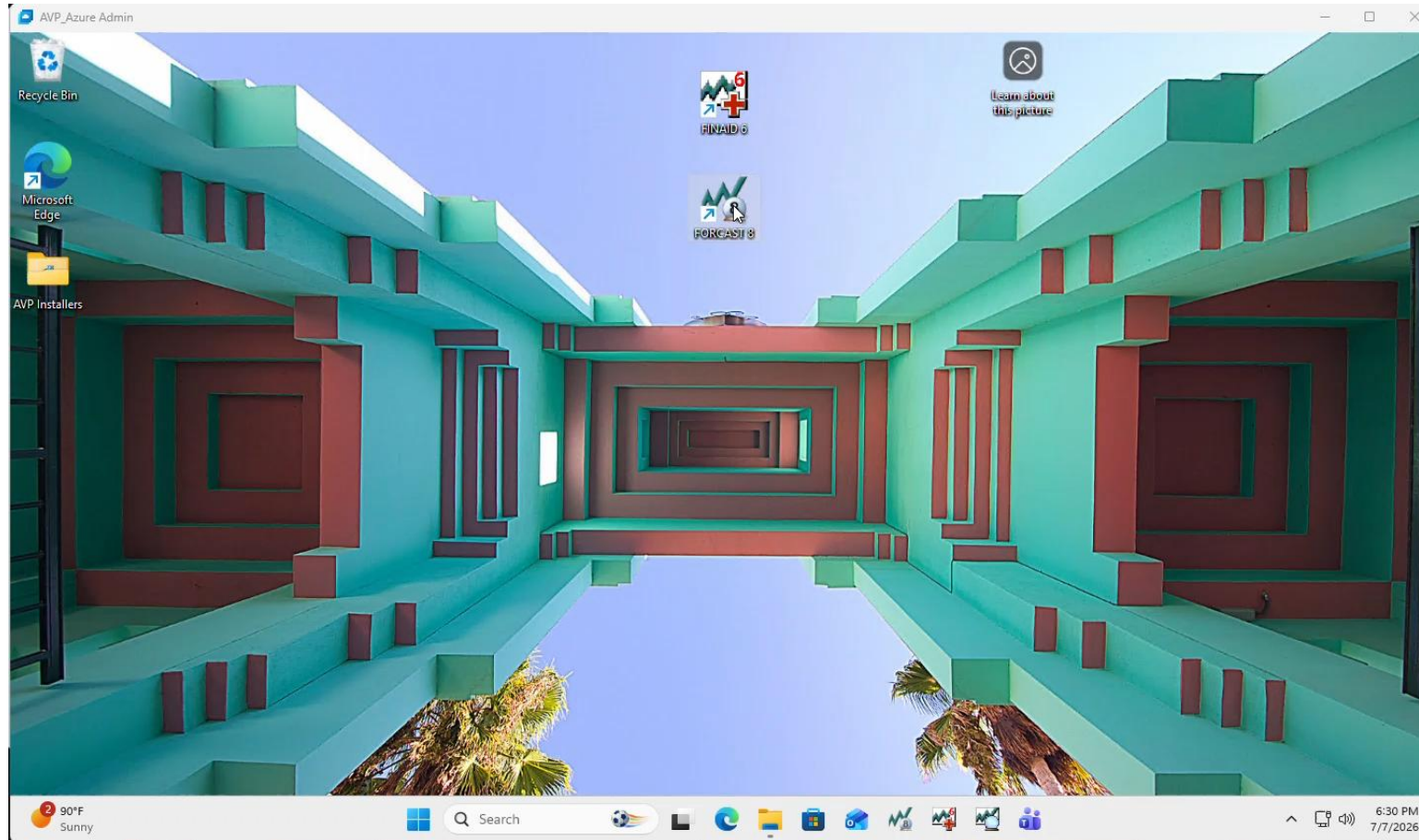
A Remote Windows Desktop



The remote Windows Desktop appears in a Window.
Application installation is just like on a regular Desktop.

A Remote Windows Desktop

FORCAST launches as usual



Seeking Volunteers for our IT Advisory Committee

1. Our firm has limited programming and IT resources
2. Wish to ensure that we know needs for majority of clients
3. This group will guide our software platform options
4. Plan to develop a list < ten (10) organizations

And now...

A Completely Different Topic



Data from Your EHR Platform

Contract and Member Resident Data

Utilities Options Help

Contract information

Contract ID	3
Description	SMITH(JOHN+JANE)
Contract type	10 Traditional
Open date	01/04/2011
Termination date	

Monthly fees

1st per	
Add'l per	

Fee schedule used when empty. Delete key clears.

Entry fee and upgrade summary

Resident	Entry	Upgrades
SMITH, JOHN 3	250,000	0
SMITH, JANE 4	35,000	0
Contract total	285,000	0

Financial Data

Add Resident Delete Resident

SMITH, JOHN 3 SMITH, JANE 4

Resident data

Resident ID	3
Last name	SMITH
First name	JOHN
Gender	M
Birthdate	01/11/1927

Entry fee at move-in

Entry fee at move-in	250,000
Entry fee refund schedule	1st person

User-defined data

Garage Entry Fees	0
User #2 (Numeric)	0
User #3 (Numeric)	0
User #4 (Numeric)	0
User #5 (Numeric)	0
User #6 (Text)	

Notes

Resident activities

Date	Activity	Move code	Unit	Contract	Fee couple	Amount	Info
01/04/2011	Move-in	Perm IL	4511	SMITH(JOHN+JANE) 3	SMITH(JOHN+JANE) 3		
09/25/2012	Temp move	Temp SN					
09/27/2012	Perm move	Perm IL	4511				
04/01/2014	Temp move	Temp SN					
05/01/2014	Perm move	Perm IL	4511				
07/01/2016	Perm move	Perm AL	301-Assisted I				
04/15/2017	Perm move	Perm SN	501-Nursing C				

OK Cancel

This data is likely available from MatrixCare/PointClickCare.

Let's discuss how to move it into FORCAST/FIRST.



What is the source for your resident transition data?

31

MatrixCare



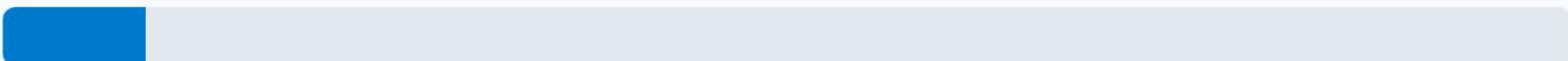
23%

PointClickCare



71%

Other



6%

New Entrant Data

Sample Excel Extract

A1												
ID												
	A	B	C	D	E	F	G	H	I	J	K	L
1	ID	LastName	FirstName	Sex	DOB	EntryFee	DOEntry	LOC at entry	Unit	ContractType	ContractCoupleId	FeeCoupleId
2	100	Smith	John	M	07/15/1940	400,000	03/01/2019	ILU	101-1BR H - The Barat	40 Plan A non-refundable		
3	2548A	Brown	Robert	M	01/11/1946	450,000	03/31/2019	ILU	FA119	45 Plan A 50% refundable	2548B	2548B
4	2548B	Brown	Sarah	F	04/15/1957	50,000	03/31/2019	ILU	FA119	45 Plan A 50% refundable	2548A	2548A
5	9954	Doe	Jane	F	02/15/1944	35,000	02/15/2019	MEM	FH208	13 Direct Entrant to AL		
6	1235	Johnson	John	M	12/14/1943	1,235,400	05/13/2018	ILU	FC974	30 Plan B non-ref 60 free days		
7	584	Williams	William	M	06/04/1938	70,000	07/20/2018	ALU	FH225	13 Direct Entrant to AL	585	585
8	585	Williams	Wilma	F	08/05/1935	0	07/20/2018	ALU	FH225	13 Direct Entrant to AL	584	584
9	45821	Phillips	Phillip	M	09/17/1931	0	06/04/2018	ILU	FA349	80 Term Rental 4/2012		
10	50384	Michaels	Michelle	F	03/30/1939	564,000	03/20/2019	ILU	FC852	62 90% Refundable revised 4/10		
11	15489	Jones	Joan	F	12/28/1936	750,000	08/01/2018	ILU	FA319	49 Plan A 90% refundable		
12	11548	Miller	Mary	F	06/27/1930	0	11/24/2018	ILU	FC912	40 Plan A non-refundable	11550	11550
13	11550	Davis	Donna	F	12/30/1936	842,000	10/01/2018	ILU	FC912	40 Plan A non-refundable	11548	11548
14	7865	Garcia	Gary	M	08/26/1932	0	02/01/2019	ILU	FA352	50 50% Refundable	7864	7864
15	7864	Taylor	Tyler	M	12/30/1924	394,000	02/01/2019	ILU	FA352	50 50% Refundable	7865	7865
16												

Activity Data

Sample Excel Extract

A1									
	A	B	C	D	E	F	G	H	I
1	ID	LastName	FirstName	Date	Activity	LevelofCare	Unit	Amount	Info
2	15489	Jones	Joan	04/25/2019	Hospital				
3	5477	Abrams	Shirley	04/02/2019	Perm move	ILU	FA261		
4	5477	Abrams	Shirley	04/02/2019	Upgrade/downgrade/refurb			100,000	
5	27875	Wood	Patricia	04/29/2019	Perm move	ALU	FH201		
6	39725	Russell	Kathleen	04/11/2019	Perm move	ALZ	401- Alz Care		
7	5772	Salm	Edith	04/05/2019	Perm move	SCU	FS303		
8	5002	Noble	Judith	04/04/2019	Temp move	MEM	FH203		
9	5002	Noble	Judith	04/06/2019	Perm move	ILU	FC984		
10	5001	Noble	Robert	04/24/2019	Temp move	SCU			
11	42268	Mason	Joan	04/12/2019	Temp move	ALU			
12	42268	Mason	Joan	04/17/2019	Perm move	ALU	FH200		
13	22702	Patin	Robert	04/20/2019	Temp move	ALU			
14	40621	Paul	Nancy B	04/04/2019	Perm move	ILU	FA327		
15	40621	Paul	Nancy B	04/04/2019	Upgrade/downgrade/refurb			-175,000	
16	40620	Paul	Robert	04/04/2019	Perm move	ILU	FA327		
17	32667	Palombo	Joseph	04/25/2019	Death				
18	32667	Palombo	Joseph	04/25/2019	Pay refund			0	
19	42904	Alaimo	Joseph	04/21/2019	Withdrawal				
20	5588	Cape	William	04/03/2019	Upgrade/downgrade/refurb			15,000	
21	28562	Prochnow	Herbert	04/13/2019	Refund adjustment			-10,000	
22	5010	Clark	Nan	04/30/2019	Set deferred rev bal			12,348	Nonrefundable
23	5777B	Sarver	Barry	04/08/2019	Temp move	SCU			
24	5777B	Sarver	Barry	04/10/2019	Hospital				
25	5777B	Sarver	Barry	04/14/2019	Temp move	SCU			
26	5777B	Sarver	Barry	04/28/2019	Perm move	ALU	FH203		
27	5775LFP	Ellrodt	Nancy B	04/15/2019	Perm move	ALZ	FS001		

Summary

1. **FORCAST & FINAID can be deployed many ways, including the cloud**
2. **Our top requirement is minimizing the compute / storage distance**
3. **Choosing how to deploy depends on your existing circumstances**
 - a. Who needs which applications?
 - b. What other (non-AVP) applications do users already access in Azure or AWS?
4. **If only one person accesses the file:** a desktop install with a cloud-sync folder (e.g. OneDrive) could work, but is not recommended
5. **There are opportunities for reducing the data input tedium. Let's talk.**



Questions & Answers

