

# Microsoft Azure and the Kinect Join the World of Telemedicine to Save Lives

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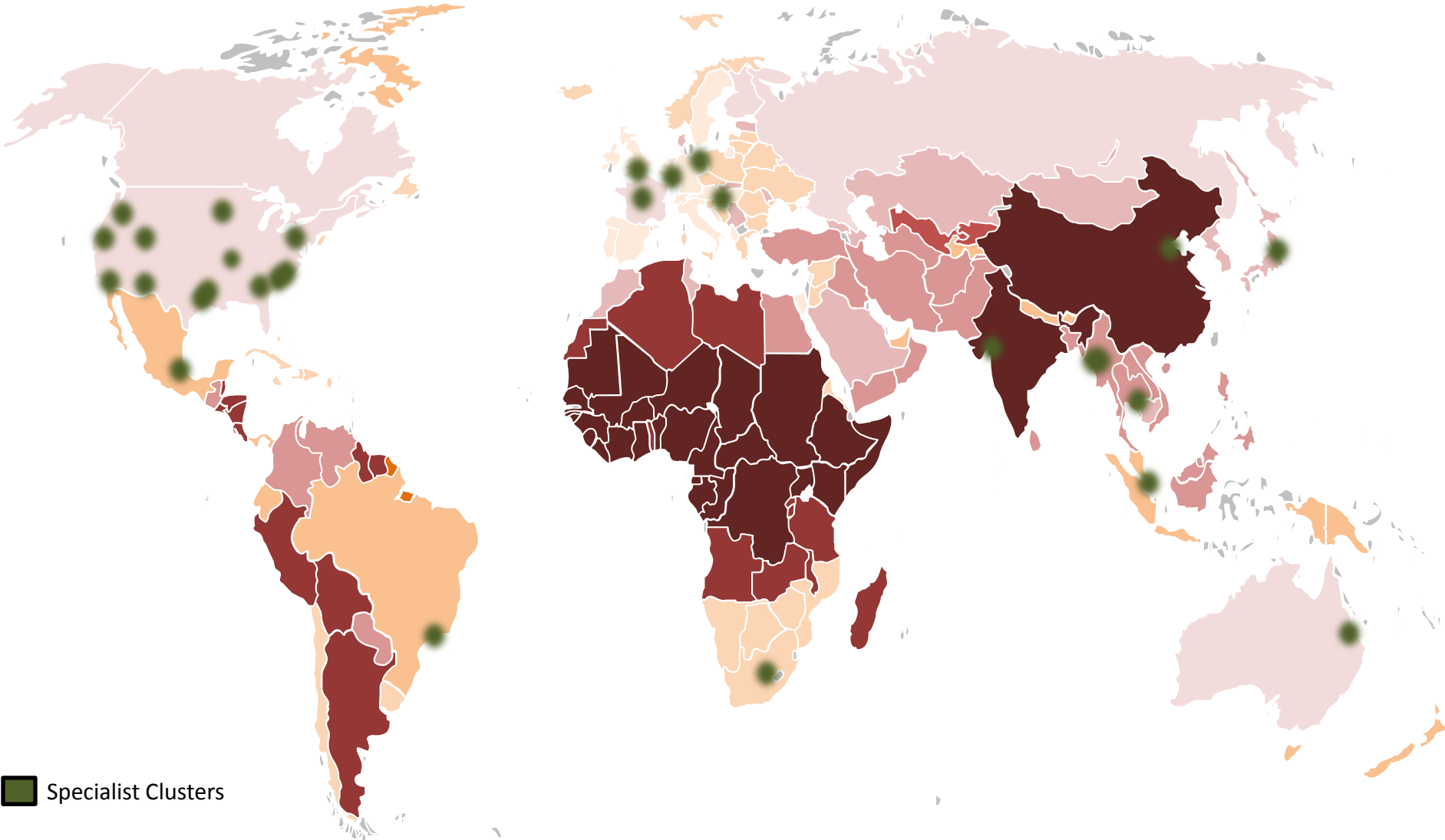
Physically Kinected

# Collaboration and Annotation of Medical Images



Aaron Rothberg, Daniel Harrod, James Taylor, Stephen Burks



# Greatest Concentration of Specialists



# CAMI Beyond the Operating Room



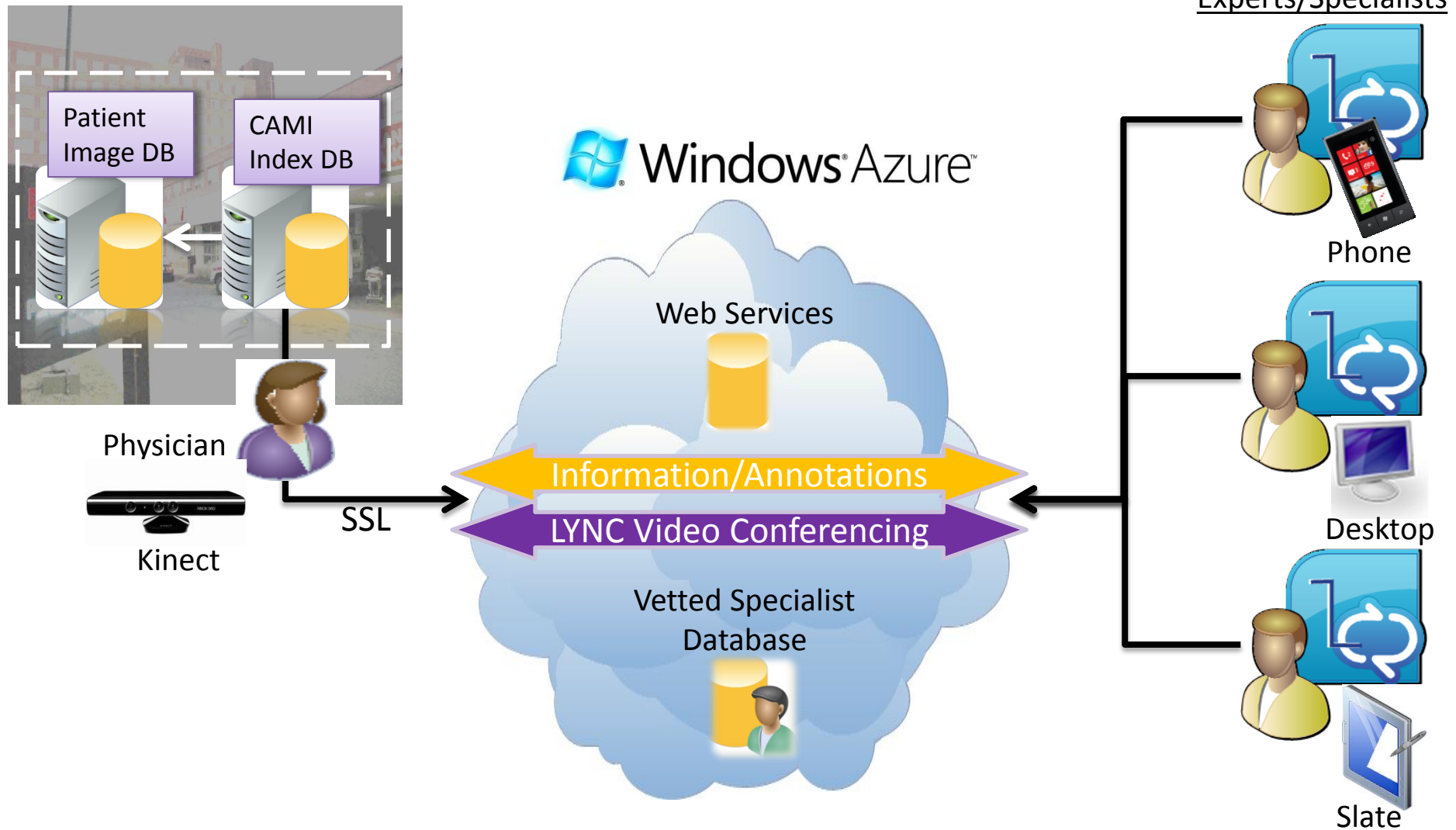
# Comparison of Telemedicine Technologies

	Current Telemedicine Technology	CAMI
		
Hardware Cost:	\$25,000.00	Runs on Existing Hardware
Number of Connections:	4	Limited only by the Situation Instead of the Technology
Integration Capabilities:	No Patient Record/Image Integration	Yes
Ease of Use:	Complex Multiple Pieces of Equipment	Single Intuitive Interface
Mobility:	Little to None	Yes

# Comparison of Features & Options

	Current Telemedicine Technologies	CAMI
<b><u>FEATURES</u></b>	✓	✓
Audio/Video:		✓
Grid:		✓
Annotations:		✓
Video/Image Capture:		✓
<b><u>OPTIONS</u></b>		
Touch (Slate):		✓
Hands Free (Kinect):		✓
Speech:		✓
Windows Phone:		✓

# CAMI Technical Architecture





# CAMI System Architecture

SQL Server R2

Azure/  
SQL Azure

Web Services

LYNC  
SDK

Kinect  
SDK

Touch  
SDK

Speech  
SDK

Phone  
SDK 7.1

C#

VB.NET

WPF

WCF

Silverlight

Visual Studio 2010

Expression Blend

.NET 4.0



MAYO  
CLINIC

