

# Introducing Visual Studio LightSwitch

Matt Milner

[www.pluralsight.com](http://www.pluralsight.com)



# Matt Milner

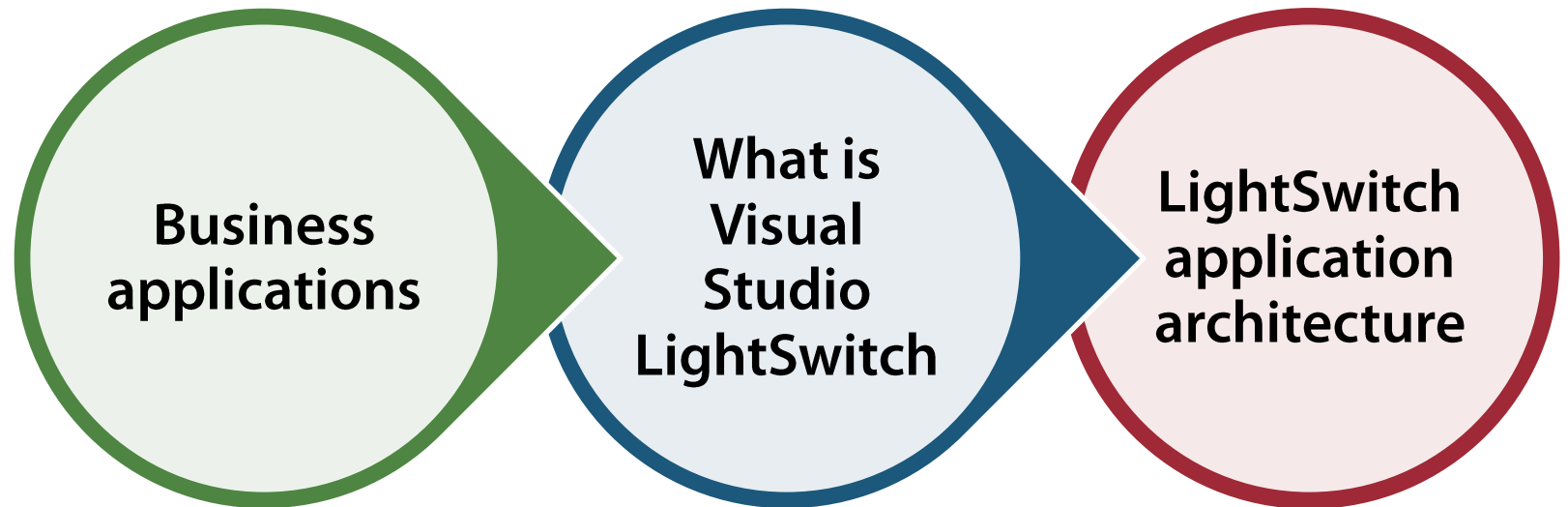
## ■ Independent Consultant

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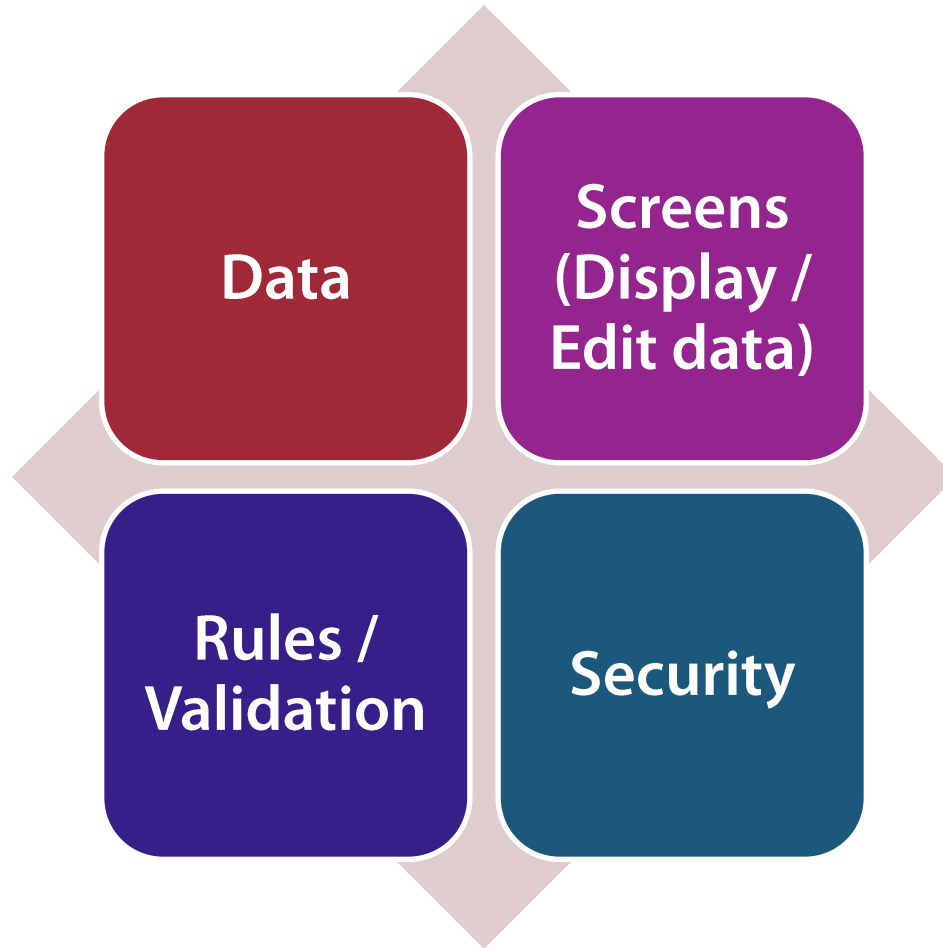
## ■ Trainer for Pluralsight

- <http://www.pluralsight.com>
- BizTalk, WCF, Workflow, AppFabric, Azure, ...

# Outline



# What is a business application?



# How do we build business applications?



**Access**



**Excel**



**SharePoint**



**Silverlight**



**WCF RIA Services**



**ASP.NET**

# Developer responsibilities

## Data access code

- Choose a technology
- Units of work
- Querying

## Services / tiers

- Define contracts
- Implement logic

## Validation and rules

- Client and server

## User interface

- Layout
- Data binding

## Authorization

# Introducing Visual Studio LightSwitch

**Focused tool for  
building business  
applications**

**Abstracts common  
tasks**

**LightSwitch**

**Modern technologies**

**Proven architectural  
patterns**

# LightSwitch simplifies development

## Data

- Multiple sources / kinds
- Entity model / no code

## Screens

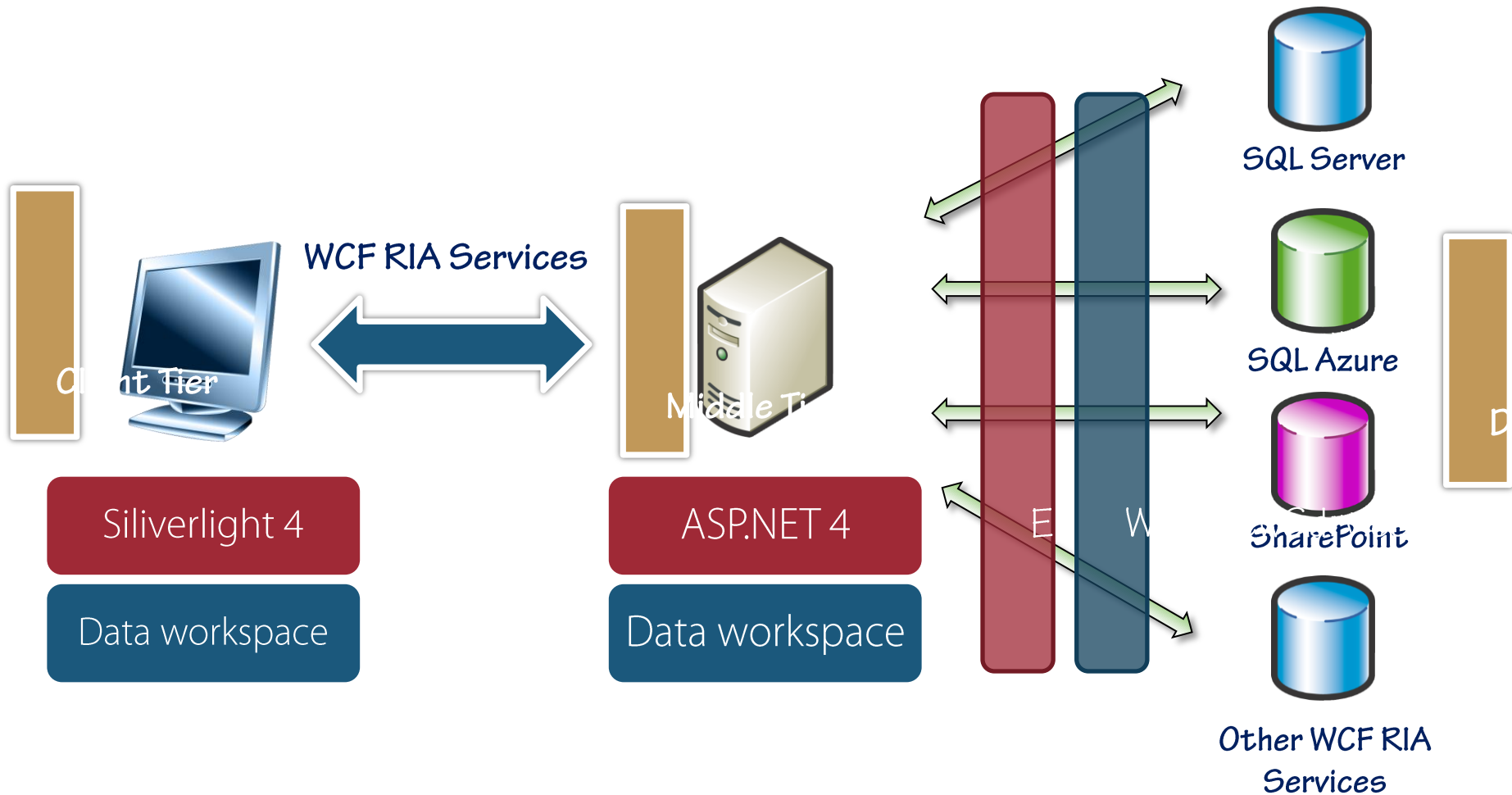
- No markup solution
- Rich, extensible controls
- Multiple, extensible layouts

## Rules / validation

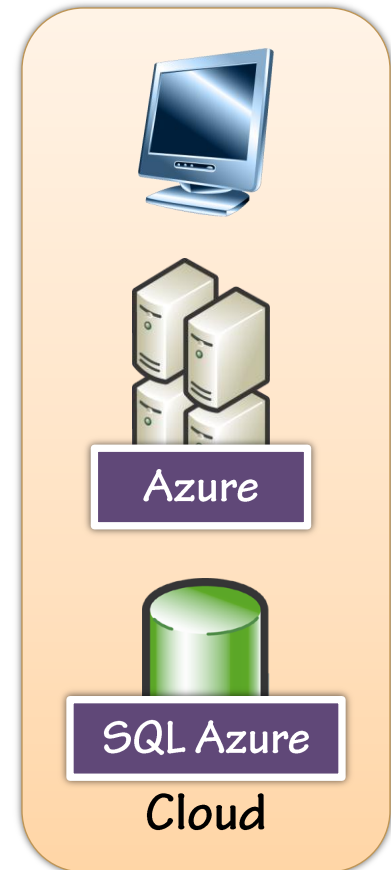
- Write once, execute everywhere

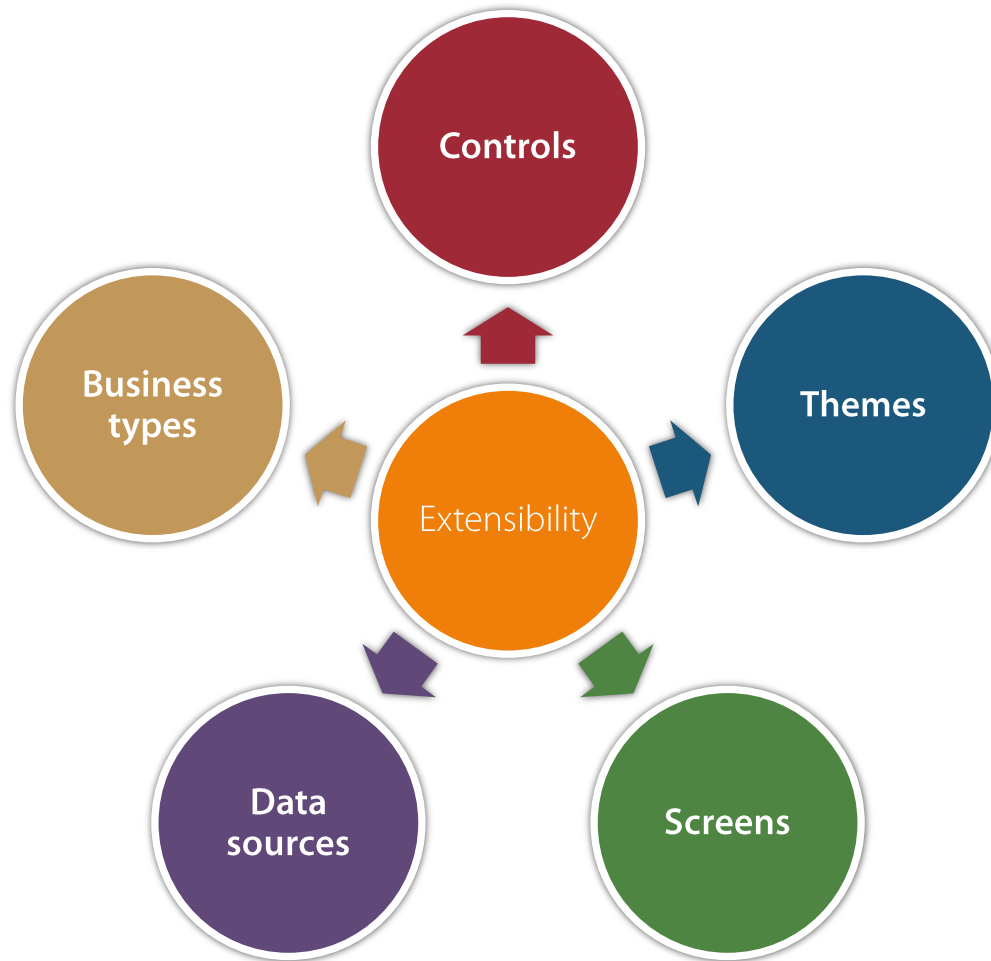


# Architecture of a LightSwitch application



# Deploying LightSwitch applications





# Summary

- Simplest way to build business applications
- Uses latest technology in the Microsoft stack
- For desktop, server or cloud
- Easy enough for power users
- Powerful enough for developers