

# Building omni-channel experiences with Sitecore Experience Edge & Mobile Blazor Bindings

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# Rob Earlam

**Snr. Technical Evangelist - APJ**

- Technical evangelist, software developer, movie lover, music listener, pizza eater, meat smoker
- 14+ years Sitecore experience
- Based in Melbourne, AU

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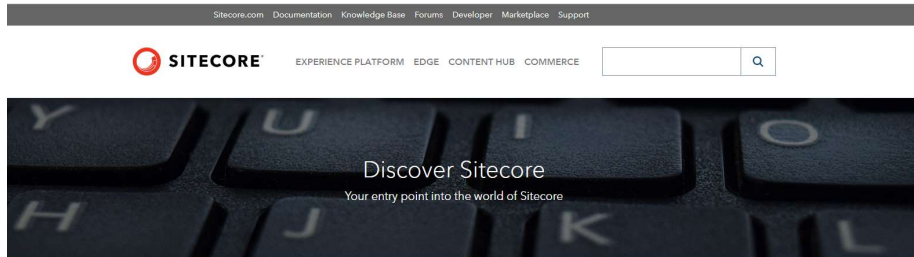




# Experience Edge Portal Site



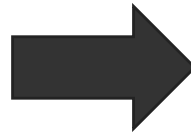
# Experience Edge Portal



**DOCUMENTATION**  
Learn more and educate yourself.

**STACK EXCHANGE**  
Ask question on Stack Exchange

**SLACK**  
Talk to the community on Slack.



### LATEST ARTICLES

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### ANNOUNCEMENTS

**Sitecore 10 released**

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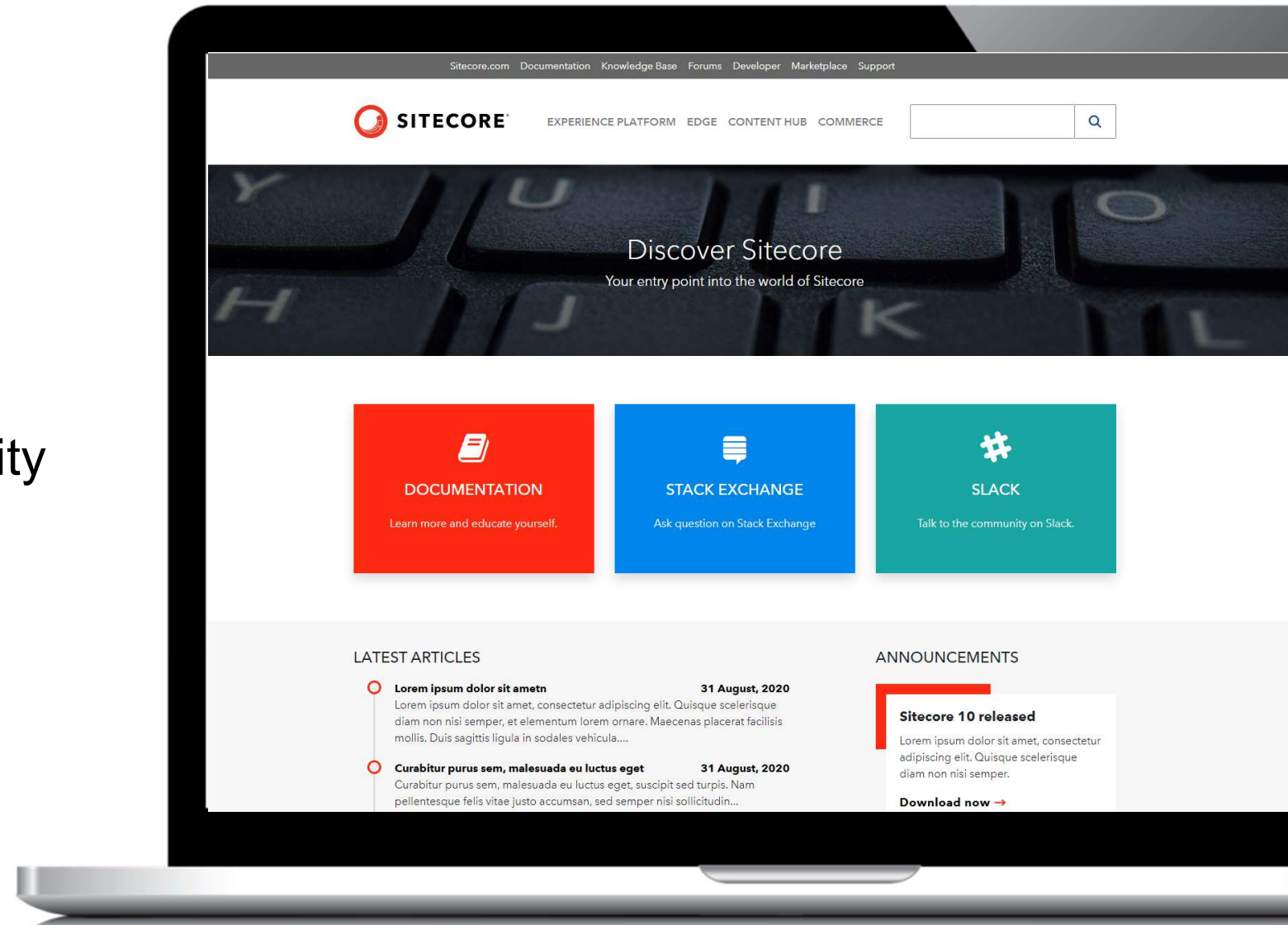
**Full Docker Support!**

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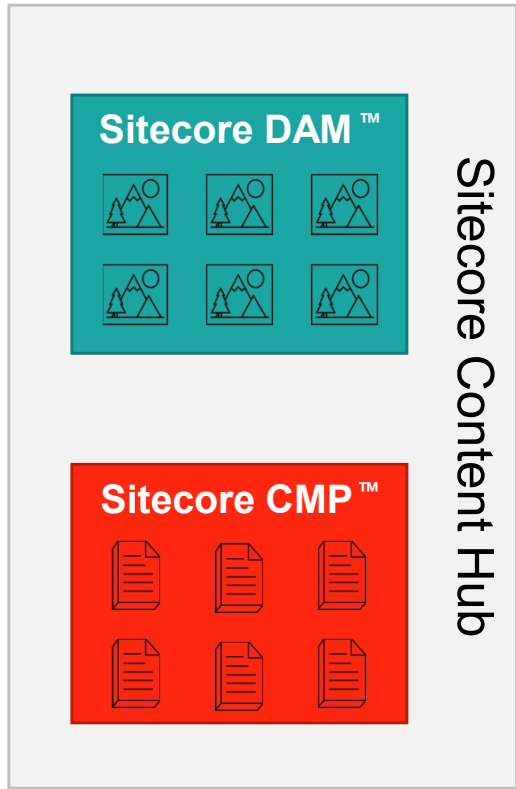
# Experience Edge Portal Site



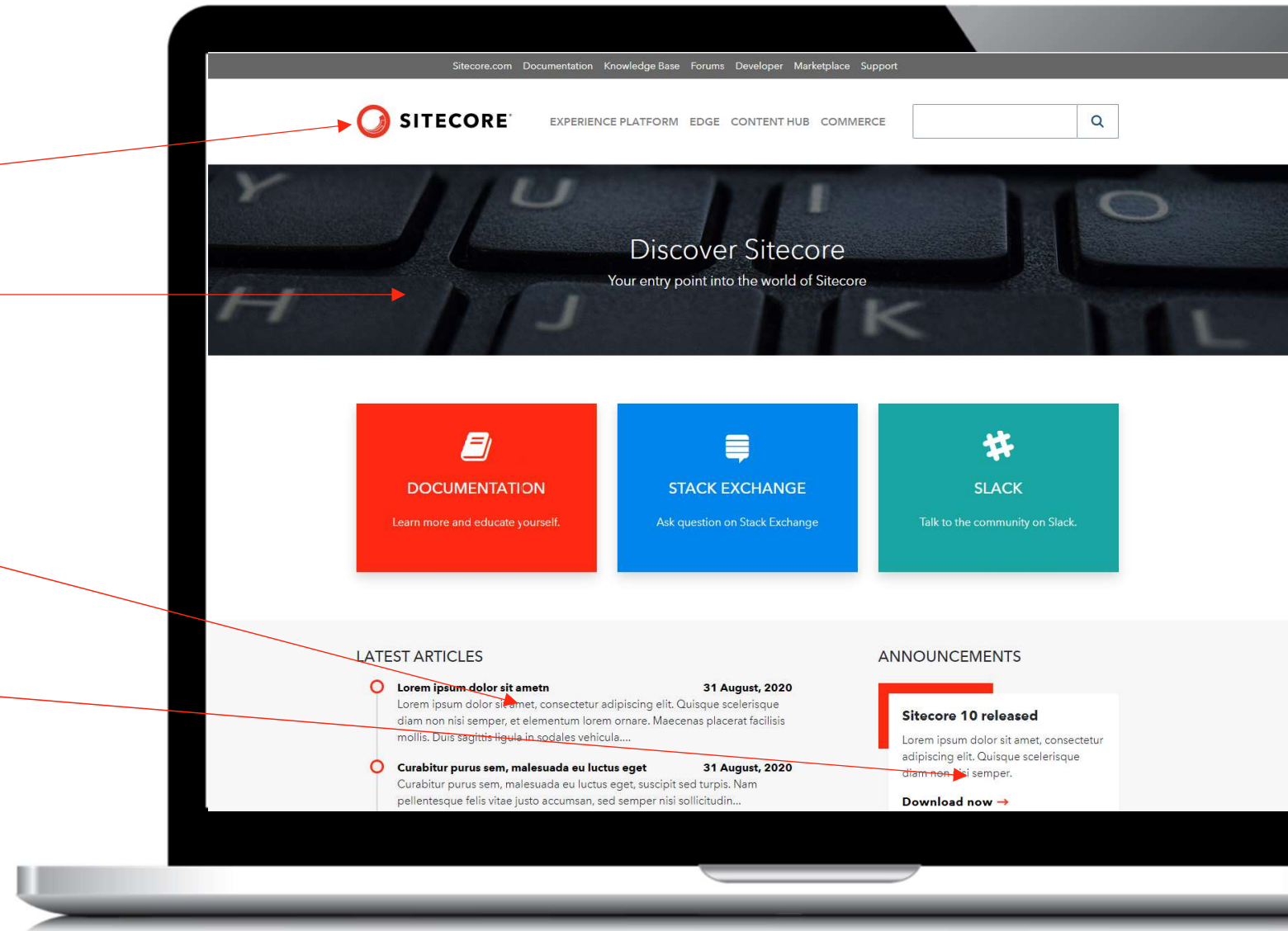
- Mostly static content
- Infrequent changes
- No need for full WCMS functionality
- Some dynamic content



# Portal Dynamic Elements



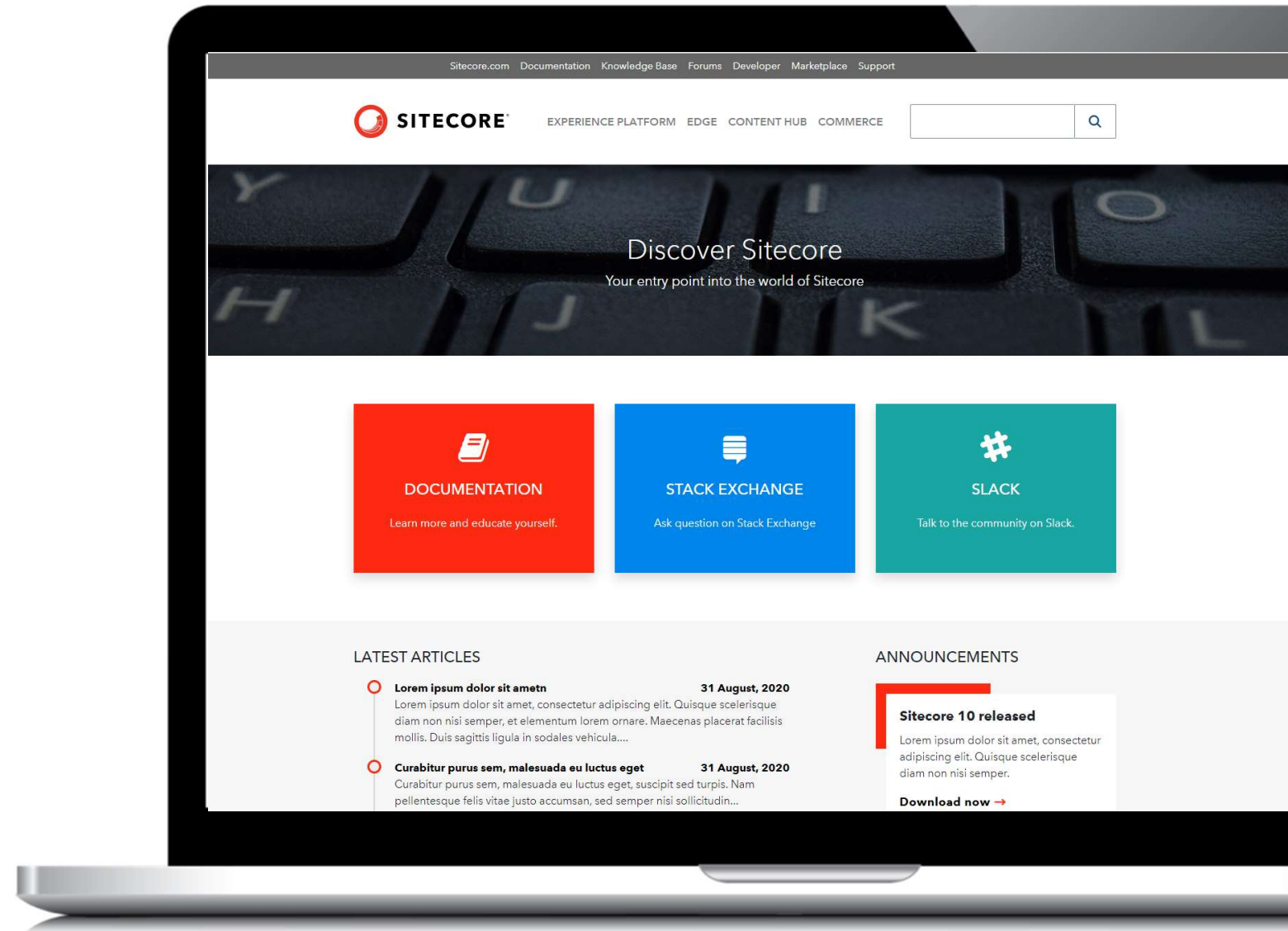
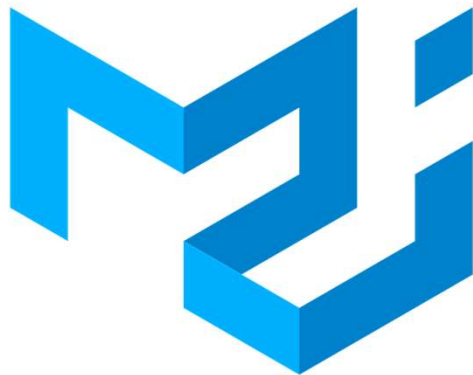
Experience Edge for Content Hub



# Experience Edge Portal Site



NEXT .JS



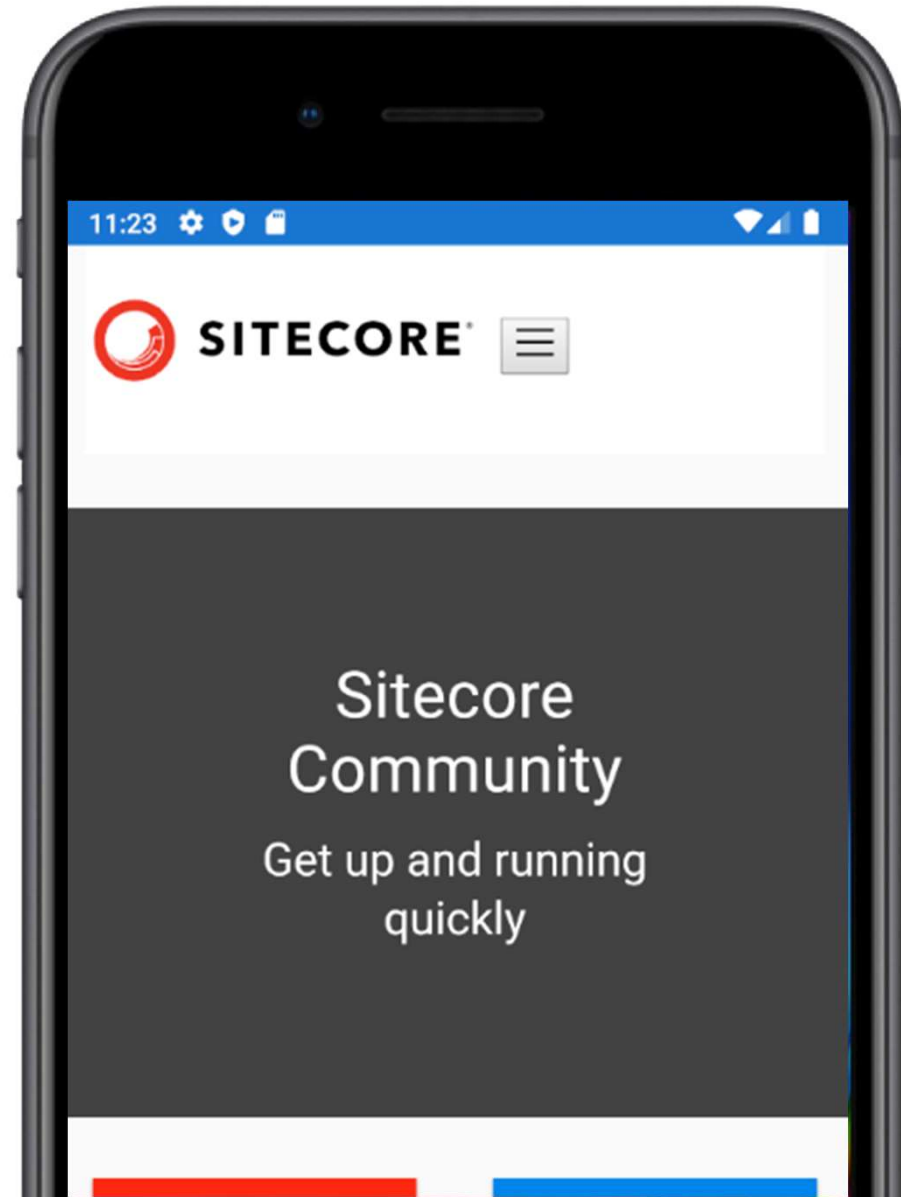


# Building for Omni-Channel

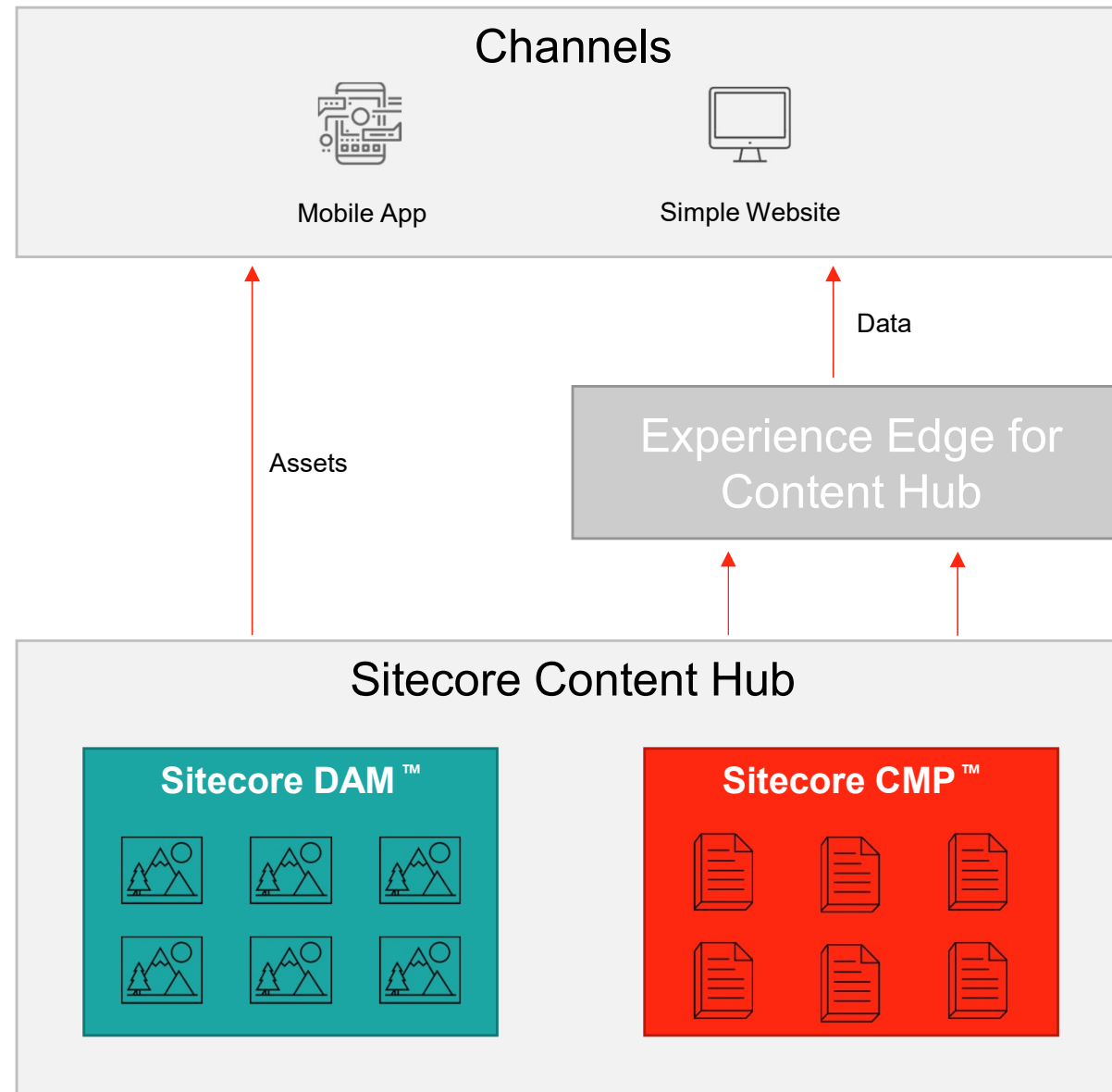




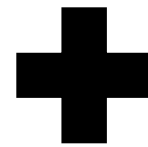
- Opportunity to test omni-channel delivery
- Proof of Concept - Not intended to be officially released



# Delivery overview



# Enter Mobile Blazor Bindings.....



# What is Xamarin?



Xamarin extends the .NET platform with tools and libraries specifically for building apps on iOS, Android, macOS, and more.

- Base framework for accessing native features
- Extensible Markup Language, known as XAML, for building dynamic mobile apps using C#
- Libraries for common patterns, such as Model View ViewModel(MVVM)
- Platform specific libraries that includes access to APIs from Google, Apple, Facebook, and more to add rich capabilities
- Editor extensions to provide syntax highlighting, code completion, designers, and other functionality specifically for developing mobile pages

# What is Blazor?

Blazor lets you build interactive web UIs using C# instead of JavaScript. Blazor apps are composed of reusable web UI components implemented using C#, HTML, and CSS. Both client and server code is written in C#, allowing you to share code and libraries.

Blazor uses open web standards without plug-ins or code transpilation. Blazor works in all modern web browsers, including mobile browsers.

Based on .NET Standard to allow for simple code sharing



# What are Mobile Blazor Bindings?



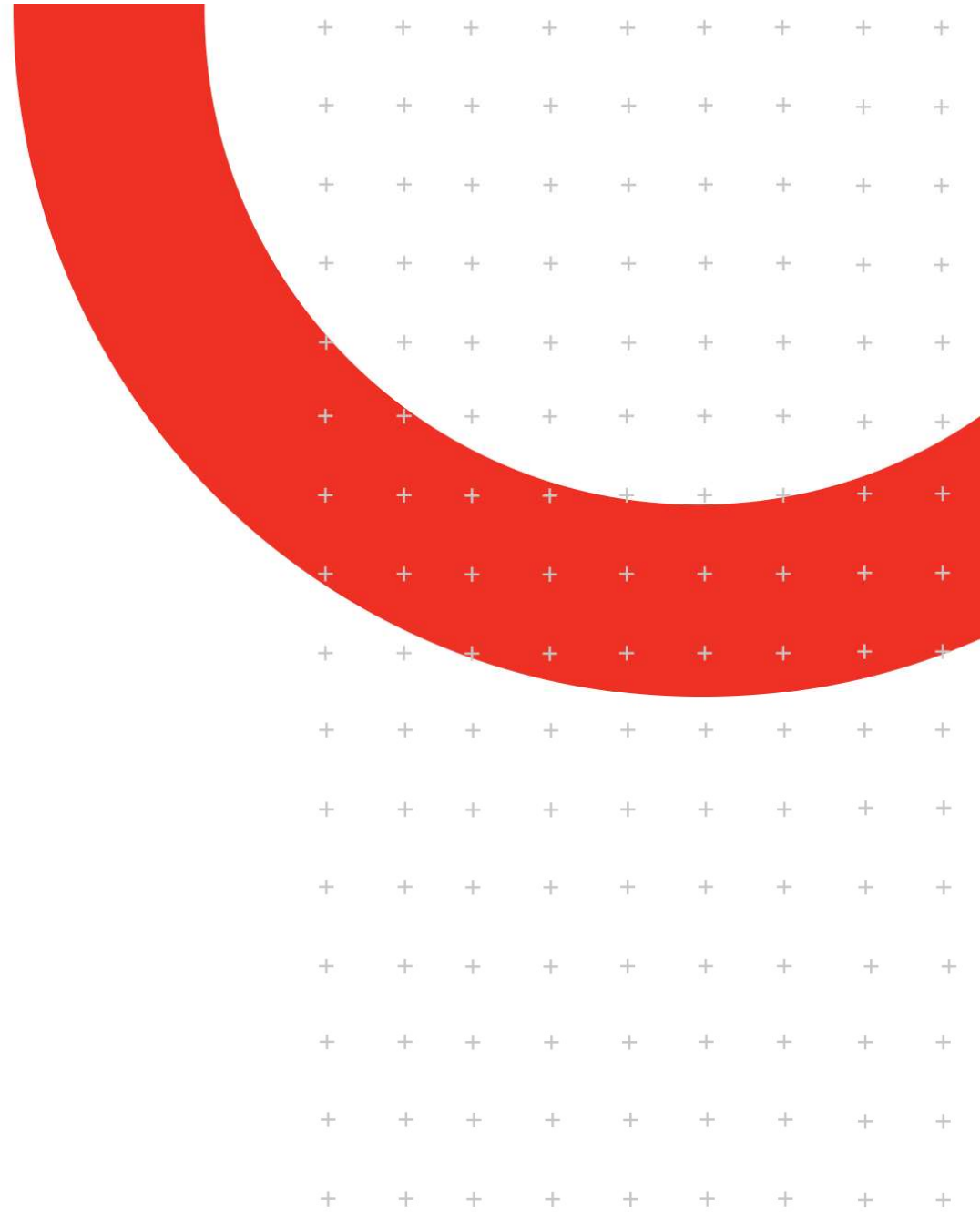
- MBB is **\*\*\*EXPERIMENTAL\*\*\***
- Build native and hybrid mobile apps using C# and .NET for Android, iOS, Windows, and macOS
- Use the Blazor the programming model and Razor syntax to define UI components.

```
<StackLayout>
  <Label FontSize="30"
        Text="@("You pressed " + count + " times)" />
  <Button Text="+1"
        OnClick="@HandleClick" />
</StackLayout>

@code {
  Int count;
  void HandleClick()
  {
    count++;
  }
}
```



 **Let see this in action!**





# Questions?



# Thank you

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