



# Coding

## ABOUT US

We are your trusted partner and Expert in digitalization, agile software development and in all process phases in the technical realm.

With over 50 years of experience, EPS stands as one of the largest independent software developers in Eastern Switzerland.

## OUR COMPETENCIES AND THEIR COMPONENTS

Many years of experience, endless enthusiasm for perfection and the appeal of new challenges: this is how our software engineers can be described. The repertoire of knowledge, skills and support tools has now reached a considerable extent.

### Competence 1: Mobile App Development

#### Infrastructure

- BitBucket Cloud
- Jira
- Confluence
- Draw IO

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#### Development

- .NET MAUI Android / iOS / Windows / Mac
- .NET Android / iOS
- Xamarin Android / iOS
- EPS LibrarySet C#

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#### Testing

- Visual Studio App Center
- Firebase Analytics / Crashlytics
- Raygun

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### Competence 2: Web Application Development

#### Infrastructure

- Linux
- Windows
- Microsoft Azure DevOps
- Confluence

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#### Development

- REST API
- GraphQL OPC-
- UA Serial
- interface

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#### Testing

- Monitoring: Application Insights
- Ants Profiler
- NUnit
- Jest

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## CLEAN CODE OUR PHILOSOPHY

Our programmers follow the strict instructions of writing efficient, clean and readable program code. Their Bible is the book Clean Code written by Robert C. Martin.

We also use our own guidelines and experience alongside the specifications of customers.

### Competence 3: IoT solutions

Are you interested in an IoT solution and looking for a suitable partner? We would be happy to advise and assist you in the implementation.

#### Infrastructure

- Windows
- Jira
- Microsoft Azure DevOps
- Confluence

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#### Development

- Swisscom IoT Cloud
- Azure
- Windows Services
- C#

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#### Testing

- Jasmine und Karma
- Monitoring: Application Insights
- Selenium
- Microsoft Azure DevOps

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### Competence 4: HMI development

Would you like an HMI to control a machine? Our experienced employees have the solution and are happy to assist you in the implementation of new applications.

#### Infrastructure

- Windows
- Linux

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#### Development

- C# .NET
- WPF
- EPS Library Set
- Beckhoff TwinCAT

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#### Testing

- Unit Tests: Visual Studio

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### Competence 5: Atlassian App Development

#### Infrastructure

- Linux
- IntelliJ Ultimate
- Bitbucket
- Bamboo

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#### Development

- Java
- +TypeScript,HTML,CSS,Less and Sass
- XML, JSON
- Atlassian SDK, Connect and Forge

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#### Testing

- JUnit
- Mockito
- Powermockito
- AssertJ

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WHAT CAN WE DO FOR YOU? DISCOVER OUR RANGE OF SERVICES OR GIVE US A CALL.

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