

# Current Standard Development Tools and Server Software

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## Development tool set for PC:

- Visual Studio 2015, 2013, 2012: .NET 4.5+ or 4.6+ for new development
- Visual Studio 2012 for Report Services 2012: SSRS-2012 for new development
- TFS 2012 Team Explore
- [Software in containment to support the existing applications \(click\):](#)

## Computing languages:

- For ASP.NET application: C#, JavaScript, HTML, CSS, SQL
- For ArcGIS Desktop extension and server-side programming: Python

## Source Control Server Software:

- Team Foundation Server 2012

## Server Environment - Intranet / Internet-SAW / Internet-Fortress :

- OS: Window Server 2008-R2 / Window 2012R2
  - All new applications will be hosted on Win 2012R2
- Web Server: IIS 7.5 and IIS 8.5 (2012R2)
- Framework: .NET 2.0 to 4.5+, 4.6+
- Database: MS SQL2014 for new development - SQL2008R2 & 12 for existing DB
- Report: MS SQL 2012 RS for new development / 2008R2 for existing reports
- Security: Adam/Azman (Intranet and SAW only)
- GIS: ArcGIS Server 10.3.1
- [Software in containment to support the existing applications \(click\):](#)