

**Tools we use during software development**

**Design**

Enterprise Architect

**Implementation**

Microsoft Visual Studio .NET with ReSharper  
Xamarin Studio  
DevExpress components  
Microsoft SQL Server  
SQL Server Reporting Services  
GIT  
VisualSVN  
.NET Reactor  
Reflector for .NET  
FxCop  
CruiseControl.NET

**Documentation**

Enterprise Architect  
Microsoft Office 2016  
Doxygen  
GhostDoc

**Testing**

Unit testing in Microsoft Visual Studio  
TestDriven.NET, NUnit, NUnit ASP.NET  
TypeMock Isolator

**Installation**

WiX toolset  
Microsoft Visual Studio

**All stages**

JIRA with Agile scrum and Tempo Timesheets  
FishEye



Xamarin.iOS



Xamarin.Android



Xamarin Studio



**Support and maintenance**

TeamViewer  
VNC

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**Enterprise Architect** ([www.sparxsystems.com.au](http://www.sparxsystems.com.au))

Enterprise Architect is a comprehensive UML analysis and design tool, covering software development from requirements gathering, through to the analysis stages, design models, testing and maintenance.

**Microsoft Visual Studio** ([www.visualstudio.com/vs](http://www.visualstudio.com/vs))

Fully-featured IDE for Android, iOS, Windows, web, and cloud

**ReSharper** ([www.jetbrains.com/resharper](http://www.jetbrains.com/resharper))

ReSharper is a popular developer productivity extension for Microsoft Visual Studio. It automates most of what can be automated in your coding routines. It finds compiler errors, runtime errors, redundancies, code smells, and possible improvements.

**Xamarin Studio** ([www.xamarin.com/studio](http://www.xamarin.com/studio))

Xamarin Studio is a modern, sophisticated IDE with many features for creating Xamarin.iOS, Xamarin.Mac, Xamarin.Android, and Xamarin.Forms applications. It includes a rich editor, debugging, native platform integration with iOS, Mac and Android.

**DevExpress components** ([www.devexpress.com](http://www.devexpress.com))

DevExpress provides best in class user interface controls for Winforms, ASP, MVC, WPF and Silverlight to create amazing applications, documents, reports and dashboards.

**Microsoft SQL Server** ([www.microsoft.com/sql/default.aspx](http://www.microsoft.com/sql/default.aspx))

Microsoft SQL Server is a relational database management system (RDBMS) produced by Microsoft. Its primary query language is Transact-SQL, an implementation of the ANSI/ISO standard Structured Query Language (SQL).

**GIT** ([git-scm.com](http://git-scm.com))

Git is a free and open source distributed version control system designed to handle everything from small to very large projects.

**VisualSVN** ([www.visualsvn.com](http://www.visualsvn.com))

VisualSVN Server allows you to easily install and manage a fully-functional Subversion server on the Windows platform.

**.NET Reactor** ([www.ezriz.com/dotnet\\_reactor.htm](http://www.ezriz.com/dotnet_reactor.htm))

.NET Reactor is a powerful code protection and software licensing system for software written for the .NET Framework.

**Reflector for .NET** ([www.aisto.com/roeder/dotnet](http://www.aisto.com/roeder/dotnet))

Reflector is the class browser, explorer, analyzer and documentation viewer for .NET. Reflector allows to easily view, navigate, search, decompile and analyze .NET assemblies in C#, Visual Basic and IL (Intermediate Language).

**FxCop** ([www.gotdotnet.com/Team/FxCop](http://www.gotdotnet.com/Team/FxCop))

FxCop is a code analysis tool that checks .NET managed code assemblies for conformance to the Microsoft .NET Framework Design Guidelines.

**CruiseControl.NET** ([www.cruisecontrolnet.org](http://www.cruisecontrolnet.org))

CruiseControl.NET is an Open Source Automated Continuous Integration server, implemented using the .NET Framework.

**Doxygen** ([www.stack.nl/~dimitri/doxygen](http://www.stack.nl/~dimitri/doxygen))

Doxygen is a tool for generating documentation from annotated C++ sources, but it also supports other popular programming languages such as C, Objective-C, C#, PHP, Java, Python, IDL (Corba, Microsoft, and UNO/OpenOffice flavors), Fortran, VHDL, Tcl, and to some extent D.

**Ghost Doc** ([submain.com/products/ghostdoc.aspx](http://submain.com/products/ghostdoc.aspx))

GhostDoc is a Visual Studio extension that automatically generates XML documentation comments for methods and properties based on their type, parameters, name, and other contextual information.

**TestDriven.NET, NUnit, NUnit ASP.NET** ([www.testdriven.net](http://www.testdriven.net))

The Zero Friction Unit Testing Add-In for Microsoft Visual Studio. TestDriven.NET makes it easy to run unit tests with a single click, anywhere in your Visual Studio solutions.

**TypeMock Isolator** ([www.typemock.com/isolator](http://www.typemock.com/isolator))

It's a powerful Mocking Framework. And it's the first of its kind. Which mean you can fake more than just public virtual methods (statics, private, constructors, events, linq, ref args, live, future, static constructors). And you can reach higher test coverage at a fraction of the time.

**WiX toolset** ([www.wixtoolset.org](http://www.wixtoolset.org))

The most powerful set of tools available to create your Windows installation experience

The WiX toolset lets developers create installers for Windows Installer, the Windows installation engine.

**JIRA with Agile tools for scrum** ([www.atlassian.com/software/jira/agile](http://www.atlassian.com/software/jira/agile))

JIRA Software is an agile project management tool that supports any agile methodology, be it scrum, kanban, or your own unique flavor. From agile boards to reports, you can plan, track, and manage all your agile software development projects from a single tool.

**FishEye** ([www.atlassian.com/software/fisheye](http://www.atlassian.com/software/fisheye))

Track code activity across any SCM. Browse, index, and search all your source from all your source code management systems including SVN, Git, Mercurial, CVS and Perforce – all in one tool.

**Tempo Timesheets** ([tempo.io/products/tempo-timesheets](http://tempo.io/products/tempo-timesheets))

Painless time tracking and reporting for JIRA. Tempo Timesheets is a time tracking and reporting solution that seamlessly integrates with JIRA to help teams and managers track time for accounting, payroll, client billing, enhanced efficiency, and forecasting.

**TeamViewer, VNC** ([www.teamviewer.com](http://www.teamviewer.com), [www.realvnc.com](http://www.realvnc.com))

Tools for remote connection to computers running on client side.

**Tools for maintaining legacy code**

Microsoft Visual C++ 6.0, Microsoft Visual Basic 6, Borland Delphi 2007, RhinoMocks, nCover, SmartBear TestComplete, Crystal Reports

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