Borland® Delphi® 2005

Feature Matrix

Key: Ⓓ – Delphi for Win32   Ⓓ – Delphi for .NET   ⓓ – C# for .NET

	LANGUAGE	ARCH	ENT	PRO
Integrated compilers				
Enhanced! High-performance 32-bit optimizing Delphi native code compiler	Ⓓ	Ⓐ	Ⓔ	Ⓟ
Enhanced! High-performance Delphi managed code compiler for the Microsoft®.NET Framework	Ⓓ	Ⓐ	Ⓔ	Ⓟ
New! Microsoft Visual C#® managed code compiler for .NET	ⓓ	Ⓐ	Ⓔ	Ⓟ
Enhanced! 32-bit inline assembler with support for the full Intel® x86 instruction set (including Intel Pentium® Pro, Pentium III, Pentium 4, Intel MMX,™ SIMD, Streaming SIMD Extensions, SSE, SSE2, and SSE3, and AMD® 3DNow!®	Ⓓ	Ⓐ	Ⓔ	Ⓟ
Frameworks and SDKs				
VCL for rapidly building Delphi applications for Microsoft Win32,® with full RAD Visual design	Ⓓ	Ⓐ	Ⓔ	Ⓟ
VCL.NET for rapidly building Delphi applications for the Microsoft .NET Framework— with full RAD Visual design	Ⓓ	Ⓐ	Ⓔ	Ⓟ
.NET Windows® Forms v1.1—with full RAD Visual design	Ⓓ ⓓ	Ⓐ	Ⓔ	Ⓟ
ASP.NET v1.1, including Web Forms and Web Services—with full RAD Visual design	Ⓓ ⓓ	Ⓐ	Ⓔ	Ⓟ
ADO.NET v1.1—with full RAD Visual design	Ⓓ ⓓ	Ⓐ	Ⓔ	Ⓟ
Microsoft .NET Framework SDK v1.1	Ⓓ ⓓ	Ⓐ	Ⓔ	Ⓟ
Win32 SDK	Ⓓ	Ⓐ	Ⓔ	Ⓟ
RAD two-way visual designers				
VCL forms designer	Ⓓ	Ⓐ	Ⓔ	Ⓟ
VCL.NET forms designer	Ⓓ	Ⓐ	Ⓔ	Ⓟ
.NET Windows forms designer	Ⓓ ⓓ	Ⓐ	Ⓔ	Ⓟ
ASP.NET Web forms and HTML designer	Ⓓ ⓓ	Ⓐ	Ⓔ	Ⓟ
Atozed IntraWeb® page mode designer	Ⓓ Ⓓ	Ⓐ	Ⓔ	Ⓟ
IntraWeb application mode designer	Ⓓ Ⓓ	Ⓐ	Ⓔ	

Borland®

Borland® Delphi® 2005 Feature Matrix

Key:　　　　　**D** – Delphi for Win32　　　　**D** – Delphi for .NET　　　**#** – C# for .NET

	LANGUAGE	ARCH	ENT	PRO
Together® powered Unfied Modeling Language™ (UML®) designer for Borland Enterprise Core Objects (ECO™) II	**D** **#**	**A**		

Language features

	LANGUAGE	ARCH	ENT	PRO
New! Delphi "For in" loop iteration	**D** **D**	**A**	**E**	**P**
New! Function in-lining for increased application performance	**D** **D**	**A**	**E**	**P**
New! Delphi multi-unit namespaces	**D**	**A**	**E**	**P**
New! Virtual Library Interfaces simplify using unmanaged DLLs in .NET	**D**	**A**	**E**	**P**
Unicode® strings	**D** **D** **#**	**A**	**E**	**P**
Operator overloading	**D** **#**	**A**	**E**	**P**
Class variables/class static data	**D** **#**	**A**	**E**	**P**
Automatic garbage collection	**D** **#**	**A**	**E**	**P**
Nested types	**D** **D** **#**	**A**	**E**	**P**
Records with methods (value types)	**D** **#**	**A**	**E**	**P**
C-style DLL export for directly linking into unmanaged applications without COM	**D**	**A**	**E**	**P**
Expression evaluation in compiler directives	**D** **D**	**A**	**E**	**P**
Custom variants to support your own data types	**D**	**A**	**E**	**P**
Type-safe and hardware-independent	**D** **#**	**A**	**E**	**P**
Import symbols directly from .NET assemblies; no header file translations or external declarations necessary	**D** **#**	**A**	**E**	**P**
Create reusable native 32-bit dynamically linked libraries (.DLL), COM controls (.OCX), and standalone executables	**D**	**A**	**E**	**P**
Custom variants with support of your own data types, complex numbers, safe arrays, and passing variants through data sets	**D**	**A**	**E**	**P**
Expanded variant support for Int64 and the unsigned types	**D**	**A**	**E**	**P**

Project support

	LANGUAGE	ARCH	ENT	PRO
Delphi 1 through 7 project import into Delphi 2005 VCL or VCL.NET Projects	**D**	**A**	**E**	**P**
Delphi 8 project support	**D**	**A**	**E**	**P**
New! Borland® C#Builder™ project support	**#**	**A**	**E**	**P**
New! Microsoft Visual Studio®.NET/Visual C# project import and export	**#**	**A**	**E**	**P**
New! Microsoft Visual Basic .NET project import/export, plus edit, compile, and debug	**V**	**A**	**E**	**P**
New! User-customizable Visual Studio.NET project importer and exporter templates	**#**	**A**	**E**	**P**

Borland®

Borland® Delphi® 2005 Feature Matrix

Key: Ⓓ – Delphi for Win32   🅓 – Delphi for .NET   ⊕ – C# for .NET

	LANGUAGE	ARCH	ENT	PRO
Personal developer productivity				
New! Rename refactoring	Ⓓ 🅓 ⊕	Ⓐ	Ⓔ	Ⓟ
New! Declare variable refactoring	Ⓓ 🅓	Ⓐ	Ⓔ	Ⓟ
New! Declare field refactoring	Ⓓ 🅓	Ⓐ	Ⓔ	Ⓟ
New! Extract method refactoring	Ⓓ 🅓	Ⓐ	Ⓔ	Ⓟ
New! Extract to resource string refactoring	Ⓓ 🅓	Ⓐ	Ⓔ	Ⓟ
New! Find unit/import namespace refactoring	Ⓓ 🅓 ⊕	Ⓐ	Ⓔ	Ⓟ
New! Refactor driven "Find in Files"	Ⓓ 🅓 ⊕	Ⓐ	Ⓔ	Ⓟ
New! SyncEdit—block-edit multiple instances of a symbol simultaneously	Ⓓ 🅓 ⊕	Ⓐ	Ⓔ	Ⓟ
New! Automatic multilevel local file backups	Ⓓ 🅓 ⊕	Ⓐ	Ⓔ	Ⓟ
New! History Manager with file differencing and file restore	Ⓓ 🅓 ⊕	Ⓐ	Ⓔ	Ⓟ
New! Help Insights—convenient tool tips provide help snippets as you develop!	Ⓓ 🅓 ⊕	Ⓐ	Ⓔ	Ⓟ
New! IDE Welcome Page—with fast access to recent projects, Delphi and Borland Developer Network RSS news feeds, documentation, demos, examples, helpful links, Delphi updates, Weblogs, and more	Ⓓ 🅓 ⊕	Ⓐ	Ⓔ	Ⓟ
New! Integrated Quality Central—submit bug reports and feature requests to Borland from within the IDE	Ⓓ 🅓 ⊕	Ⓐ	Ⓔ	Ⓟ
Enhanced! Symbol Insights—click to navigate to declarations and implementations	Ⓓ 🅓 ⊕	Ⓐ	Ⓔ	Ⓟ
Enhanced! Code Insights—improved code and parameter completion provide on-the-fly member lists and parameter hints as you type	Ⓓ 🅓 ⊕	Ⓐ	Ⓔ	Ⓟ
Enhanced! Hot-key Searchable Tool Palette—find any component quickly	Ⓓ 🅓 ⊕	Ⓐ	Ⓔ	Ⓟ
New! Gallery Palette—Gallery Wizards in the tool palette when you need them	Ⓓ 🅓 ⊕	Ⓐ	Ⓔ	Ⓟ
Enhanced! Multi-Target Project Manager supports Delphi, Delphi for the Microsoft .NET Framework, and C# projects even within the same Project Group	Ⓓ 🅓 ⊕	Ⓐ	Ⓔ	Ⓟ
Enhanced! Code Completion for Delphi, C#, HTML, WML, XHTML, XSL, and now CSS!	Ⓓ 🅓 ⊕	Ⓐ	Ⓔ	Ⓟ
Enhanced! Together® Code Visualization—at any time, get a UML® model view of your source code	Ⓓ 🅓 ⊕	Ⓐ	Ⓔ	Ⓟ
Code templates—code repository makes on-the-fly code reuse fast and simple	Ⓓ 🅓 ⊕	Ⓐ	Ⓔ	Ⓟ
Code snippets—convenient drag-and-drop user definable source code snippets	Ⓓ 🅓 ⊕	Ⓐ	Ⓔ	Ⓟ
Class completion	Ⓓ 🅓 ⊕	Ⓐ	Ⓔ	Ⓟ
Class navigation shortcuts	Ⓓ 🅓	Ⓐ	Ⓔ	Ⓟ
To-do lists to keep your development on track	Ⓓ 🅓	Ⓐ	Ⓔ	Ⓟ
VCL Object Treeview for quick navigation and manipulation of object in the VCL/VCL.NET designers	Ⓓ 🅓	Ⓐ	Ⓔ	Ⓟ
Custom IDE Desktop Layout profiles	Ⓓ 🅓 ⊕	Ⓐ	Ⓔ	Ⓟ

Borland®

Borland® Delphi® 2005 Feature Matrix

Key: **ⓓ** – Delphi for Win32   **Ⓓ** – Delphi for .NET   **⊕** – C# for .NET

	LANGUAGE	ARCH	ENT	PRO
Borland ECO™ II Rapid Model Driven Development™				
New! Scalable Enterprise Core Object (ECO) Spaces	Ⓓ ⊕	Ⓐ		
Enhanced! Object-relational mapping persistence to any Borland Data Provider (BDP) for ADO.NET database	Ⓓ ⊕	Ⓐ		
New! Map to ECO spaces from any BDP-supported ADO.NET database	Ⓓ ⊕	Ⓐ		
New! ECO II support for ASP.NET Web forms and Web Services development	Ⓓ ⊕	Ⓐ		
New! ECO II dbWeb support for RAD model-driven Web forms development	Ⓓ ⊕	Ⓐ		
Instant model-powered .NET enterprise architecture and automatic object-level capabilities	Ⓓ ⊕	Ⓐ		
True WYMIWYG (what you model is what you get) so that any model surface changes are reflected in source code and database	Ⓓ ⊕	Ⓐ		
Unified Modeling Language™ (UML®) technology: extensive support for class diagrams, tagged values, stereotypes, associations (aggregates, compositions), multiplicity, visibility, and mixed transient/persistent elements and classes	Ⓓ ⊕	Ⓐ		
ECO object-relational persistence mapper for seamless model-powered mapping of cached objects to SQL database and XML files	Ⓓ ⊕	Ⓐ		
Object transactions ensure integrity over larger operations	Ⓓ ⊕	Ⓐ		
Automatic object-level capabilities include caching and querying	Ⓓ ⊕	Ⓐ		
Add object versioning to an application with the click of a button	Ⓓ ⊕	Ⓐ		
Automatic database schema generation from UML class diagrams	Ⓓ ⊕	Ⓐ		
Automatic database schema evolution while preserving production data	Ⓓ ⊕	Ⓐ		
Object undo/redo capabilities	Ⓓ ⊕	Ⓐ		
Domain programming on "standard" .NET CLR classes	Ⓓ ⊕	Ⓐ		
Object-aware Windows Forms and Web forms UI development through standard .NET data binding	Ⓓ ⊕	Ⓐ		
Runtime OCL querying and evaluation	Ⓓ ⊕	Ⓐ		
Easy reuse of design models and application blueprints, enabling increased productivity	Ⓓ ⊕	Ⓐ		
Team productivity and source code management				
New! Complete native StarTeam® Experience IDE Integration*	ⓓ Ⓓ ⊕	Ⓐ	Ⓔ	Ⓟ
New! Integrated StarTeam Property Editors for each Item Type*	ⓓ Ⓓ ⊕	Ⓐ	Ⓔ	Ⓟ
New! Find Files in StarTeam repository*	ⓓ Ⓓ ⊕	Ⓐ	Ⓔ	Ⓟ
New! StarTeam Update Project or Group in one operation*	ⓓ Ⓓ ⊕	Ⓐ	Ⓔ	Ⓟ
New! Commit Project automatically checks in new and modified files into StarTeam*	ⓓ Ⓓ ⊕	Ⓐ	Ⓔ	Ⓟ

* Note: Using integrated StarTeam features requires a StarTeam Standard, Enterprise, or Enterprise Advantage license. StarTeam Standard is included in the Delphi 2005 Enterprise and Architect editions. Additional licenses or upgrades can be purchased from your Borland sales representative.

Borland®

Borland® Delphi® 2005 Feature Matrix

Key:　　　Ⓓ – Delphi for Win32　　　𝗗 – Delphi for .NET　　　＃ – C# for .NET

	LANGUAGE	ARCH	ENT	PRO
StarTeam v6.0 Standard edition license	Ⓓ 𝗗 ＃	A	E	
Generic SCC source control interface for Microsoft Visual SourceSafe,® IBM® Rational® ClearCase,® and Concurrent Versions System (CVS)	Ⓓ 𝗗 ＃	A	E	

Debugging

	LANGUAGE	ARCH	ENT	PRO
New! Multimode debugging for combined .NET and Win32 projects	Ⓓ 𝗗 ＃	A	E	P
New! Debug managed .NET assemblies hosted in native Win32 applications	Ⓓ 𝗗 ＃	A	E	P
New! .NET AppDomain support in Modules View	𝗗 ＃	A	E	P
New! Modules View sorting	Ⓓ 𝗗 ＃	A	E	P
Enhanced! ASP.NET debugging	𝗗 ＃	A	E	P
Enhanced! Stack tracing in Delphi for Win32 applications for frames without debug info	Ⓓ	A	E	P
New! Change frames in Locals View for Delphi for Win32 applications	Ⓓ	A	E	P
Enhanced! Exception notification dialog: Break/Continue buttons, "Ignore exception type" checkbox, and .NET exceptions now display the exception message	Ⓓ 𝗗 ＃	A	E	P
Enhanced! Breakpoint view with toolbar, in-place editing, enable/disable checkbox	Ⓓ 𝗗 ＃	A	E	P
Enhanced! CPU view for low-level debugging—now with IL disassembly for .NET	Ⓓ 𝗗 ＃	A	E	P
Enhanced! FPU view with support for MMX and SSE, SSE2, and SSE3 support	Ⓓ	A	E	P
Full-featured Win32 and .NET debuggers with color syntax highlighting	Ⓓ 𝗗 ＃	A	E	P
Tooltip expression evaluation	Ⓓ 𝗗 ＃	A	E	P
Multiprocess cross-process debugging for easy tracing through complex applications	Ⓓ 𝗗 ＃	A	E	P
Attach to and debug any process	Ⓓ 𝗗 ＃	A	E	P
Detach from any process	Ⓓ 𝗗 ＃	A	E	P
Run until return	Ⓓ 𝗗 ＃	A	E	P
Advanced breakpoints with Tooltips, actions, and groups for complete debugging control	Ⓓ 𝗗 ＃	A	E	P
Breakpoint DataAware Triggers	Ⓓ	A	E	P
Debug spawned processes	Ⓓ 𝗗 ＃	A	E	P
Debug Inspector for easily monitoring properties while debugging	Ⓓ 𝗗 ＃	A	E	P
Event log view	Ⓓ 𝗗 ＃	A	E	P
Thread view	Ⓓ 𝗗 ＃	A	E	P

Borland®

Borland® Delphi® 2005 Feature Matrix

Key: Ⓓ – Delphi for Win32   𝗗 – Delphi for .NET   ⊕ – C# for .NET

	LANGUAGE	ARCH	ENT	PRO

Integrated .NET performance testing and optimization

Feature	LANGUAGE	ARCH	ENT	PRO
New! Integrated unit testing with both DUnit and NUnit testing frameworks	Ⓓ 𝗗 ⊕	A	E	P
New! Unit test wizards for quick and easy unit test and unit test project creation	Ⓓ 𝗗 ⊕	A	E	P
New! Integrated project and project manager support for unit tests	Ⓓ 𝗗 ⊕	A	E	P
New! Unit test code generation with full code to invoke each method	Ⓓ 𝗗 ⊕	A	E	P
New! Update existing unit test cases with new test methods	Ⓓ 𝗗 ⊕	A	E	P
New! Execute unit tests from project manager	Ⓓ 𝗗 ⊕	A	E	P
Wise Owl™ Demeanor for .NET code obfuscator for intellectual property protection for all .NET-managed code assemblies and programs	𝗗 ⊕	A	E	P
Borland Optimizeit™ Profiler for the Microsoft .NET Framework—high-level performance overview to understand, in real time, whether a performance issue is related to CPU, memory, or both	𝗗 ⊕	A		
Optimizeit memory profiler provides real-time monitoring of object allocations to understand, in real time, how the profiled program uses the CLR	𝗗 ⊕	A		
Optimizeit CPU profiler measures pure CPU usage or time usage during a profiling session	𝗗 ⊕	A		

Database development and connectivity: VCL/VCL.NET

Feature	LANGUAGE	ARCH	ENT	PRO
Royalty Free! MIDAS/DataSnap™ multi-tier deployment license	Ⓓ 𝗗	A	E	
Updated! Borland dbExpress™ server connectivity to Borland InterBase® v7.5	Ⓓ 𝗗	A	E	
Updated! dbExpress server connectivity to Oracle®10*g*	Ⓓ 𝗗	A	E	
Updated! dbExpress server connectivity to Microsoft SQL Server™ 2000	Ⓓ 𝗗	A	E	
Updated! dbExpress server connectivity to Informix® 9x	Ⓓ 𝗗	A	E	
Updated! dbExpress server connectivity to IBM DB2® 8.x	Ⓓ 𝗗	A	E	
Updated! dbExpress server connectivity to MySQL® 4.0.18	Ⓓ 𝗗	A	E	
Updated! dbExpress server connectivity to SQL Anywhere® 9	Ⓓ 𝗗	A	E	
New! dbExpress server connectivity to Sybase® 12.5	Ⓓ 𝗗	A	E	
Now! Borland dbGO™ ADO connectivity for both Win32 and .NET! (MDAC 2.8)	Ⓓ 𝗗	A	E	P
Updated! dbExpress local data connectivity to InterBase® v7.5	Ⓓ 𝗗	A	E	P
Updated! dbExpress local data connectivity to MySQL 4.0.18	Ⓓ 𝗗	A	E	P
BDE support for dBase and Paradox® on VCL and VCL .NET	Ⓓ 𝗗	A	E	P
InterBase Express components for VCL and VCL.NET	Ⓓ 𝗗	A	E	P

Borland®

Borland® Delphi® 2005 Feature Matrix

Key: **D** – Delphi for Win32   **D** – Delphi for .NET   **⊕** – C# for .NET

	LANGUAGE	ARCH	ENT	PRO
Database development and connectivity: ADO.NET				
Enhanced! Database Explorer for BDP for ADO.NET providers	**D** **⊕**	**A**	**E**	**P**
New! Database Explorer data migration between any BDP supported databases	**D** **⊕**	**A**	**E**	**P**
New! Design-time stored procedure testing for all BDP supported databases	**D** **⊕**	**A**	**E**	**P**
New! Drag-and-drop stored procedures from Database Explorer	**D** **⊕**	**A**	**E**	**P**
New! Schema design: Create/alter/drop tables in any BDP supported database	**D** **⊕**	**A**	**E**	**P**
New! RAD ADO.NET remoting w/any ADO.NET providers	**D** **⊕**	**A**	**E**	
New! DataHub and DataSync ADO.NET multiprovider resolving with any ADO.NET providers	**D** **⊕**	**A**	**E**	
Updated and enhanced! BDP ADO.NET server connectivity to InterBase v7.5	**D** **⊕**	**A**	**E**	
Updated and enhanced! BDP ADO.NET server connectivity to Microsoft SQL Server 2000 and MSDE® 2000	**D** **⊕**	**A**	**E**	
Updated and enhanced! BDP ADO.NET server connectivity to Oracle 10g	**D** **⊕**	**A**	**E**	
Updated and enhanced! BDP ADO.NET server connectivity to IBM DB2 8.x	**D** **⊕**	**A**	**E**	
New! BDP ADO.NET server connectivity to Sybase 12.5	**D** **⊕**	**A**	**E**	
Updated and enhanced! BDP ADO.NET local data connectivity to InterBase v7.5	**D** **⊕**	**A**	**E**	**P**
Updated and enhanced! BDP ADO.NET local data connectivity to MSDE 2000	**D** **⊕**	**A**	**E**	**P**
Updated and enhanced! BDP ADO.NET local data connectivity to Microsoft Access	**D** **⊕**	**A**	**E**	**P**
Included databases				
New! InterBase 7.5 Developer Edition—up to 20 users and 80 logical local connections	**D** **D** **⊕**	**A**	**E**	**P**
New! Multiple Instance support allows multiple versions of InterBase to run on the same machine simultaneously	**D** **D** **⊕**	**A**	**E**	**P**
New! InterBase Enhanced SQL support language construct support for CASE, COALESCE, and NULLIF	**D** **D** **⊕**	**A**	**E**	**P**
New! InterBase Global Temporary Tables transparently manage all namespaces, making development easier managed once the temporary table is declared to the database schema, making application development much easier	**D** **D** **⊕**	**A**	**E**	**P**
New! InterBase embedded database user authentication for unique user account management for multiple embedded InterBase applications	**D** **D** **⊕**	**A**	**E**	**P**
Enhanced! InterBase SMP scalability using advanced technologies such as spinlocks and thread-private latch caches for optimized processor utilization and increased throughput	**D** **D** **⊕**	**A**	**E**	**P**
Enhanced! InterBase IBConsole™ with new streamlined GUI, performance, and stored procedure monitoring and trigger cache management	**D** **D** **⊕**	**A**	**E**	**P**
MSDE 2000	**D** **⊕**	**A**	**E**	**P**
Borland Database Engine for dBase and Paradox	**D** **D**	**A**	**E**	**P**

Borland®

Key: Ⓓ – Delphi for Win32   **Ⓓ** – Delphi for .NET   **❸** – C# for .NET

Reporting solutions

	LANGUAGE	ARCH	ENT	PRO
Enhanced and updated! Nevrona Rave Reports® Borland Edition for Win32 VCL	Ⓓ	Ⓐ	Ⓔ	Ⓟ
Enhanced and updated! Rave Reports Borland Edition for VCL .NET	Ⓓ	Ⓐ	Ⓔ	Ⓟ
New! Crystal Reports® for .NET	Ⓓ ❸	Ⓐ	Ⓔ	Ⓟ

Additional components and tools

	LANGUAGE	ARCH	ENT	PRO
ComponentOne® Enterprise Suite	Ⓓ ❸	Ⓐ	Ⓔ	Ⓟ
InstallShield® Express Edition	Ⓓ Ⓓ ❸	Ⓐ	Ⓔ	Ⓟ
GlyFX Icon Library – Borland Edition	Ⓓ Ⓓ ❸	Ⓐ	Ⓔ	Ⓟ

XML/SOAP Web Services development

	LANGUAGE	ARCH	ENT	PRO
Visually build model/data-driven SOAP Web Services with the new ECO II .NET Web Services support	Ⓓ ❸	Ⓐ		
Easily create Win32 and .NET XML/SOAP Web Services	Ⓓ Ⓓ ❸	Ⓐ	Ⓔ	Ⓟ
UDDI Web Services import to add SOAP/XML into your applications	Ⓓ Ⓓ ❸	Ⓐ	Ⓔ	Ⓟ
BizSnap XML Transformation Tools and Components for to easily build data exchanges between different XML formats and between XML and datasets	Ⓓ	Ⓐ	Ⓔ	
BizSnap™ Native Delphi XML Bindings to simplify XML programming—access XML documents as Delphi objects	Ⓓ	Ⓐ	Ⓔ	

Remoting and application connectivity

	LANGUAGE	ARCH	ENT	PRO
New! RAD ADO.NET Multi-tier database remoting	Ⓓ ❸	Ⓐ	Ⓔ	
SOAP Web Services development for Win32 and .NET	Ⓓ Ⓓ ❸	Ⓐ	Ⓔ	Ⓟ
New! Borland Janeva™ integration for .NET/J2EE™ connectivity	Ⓓ ❸	Ⓐ	Ⓔ	
New! Janeva integration for .NET/CORBA® connectivity	Ⓓ ❸	Ⓐ	Ⓔ	
DCOM	Ⓓ Ⓓ ❸	Ⓐ	Ⓔ	Ⓟ
.NET remoting	Ⓓ ❸	Ⓐ	Ⓔ	Ⓟ
DataSnap™/MIDAS multi-tier database application framework	Ⓓ	Ⓐ	Ⓔ	Ⓟ
New! Import .NET assemblies as COM objects in Win32 VCL applications	Ⓓ	Ⓐ	Ⓔ	Ⓟ
COM+ Object Wizard to easily create COM+ objects and servers	Ⓓ	Ⓐ	Ⓔ	Ⓟ
COM+ Object Subscription Wizard to easily consume COM+ events	Ⓓ	Ⓐ	Ⓔ	Ⓟ
Advanced Type Library Editor with complete support for Microsoft IDL editing	Ⓓ	Ⓐ	Ⓔ	Ⓟ

Borland®

Borland® Delphi® 2005 Feature Matrix

Key: 🅓 – Delphi for Win32   🅓 – Delphi for .NET   🅒 – C# for .NET

	LANGUAGE	ARCH	ENT	PRO
Support for Automation Object event handling	🅓	Ⓐ	Ⓔ	Ⓟ
COM Object Wizard	🅓	Ⓐ	Ⓔ	Ⓟ
Microsoft ActiveX® Control Data binding	🅓	Ⓐ	Ⓔ	Ⓟ
Support for sparse vtables to support VB servers	🅓	Ⓐ	Ⓔ	Ⓟ
Import COM servers as components to develop visually	🅓	Ⓐ	Ⓔ	Ⓟ

Web/Internet development: VCL/VCL.NET

	LANGUAGE	ARCH	ENT	PRO
New! Deployment Manager for Atozed IntraWeb application deployment	🅓 🅓	Ⓐ	Ⓔ	
Enhanced! IntraWeb v7.2 RAD WYSIWYG Delphi Web Application Development	🅓 🅓	Ⓐ	Ⓔ	Ⓟ
Now! IntraWeb application mode development for Win32 and Microsoft .NET Framework—build complete Web applications with transparent user, cookie, and session management	🅓 🅓	Ⓐ	Ⓔ	
Now! IntraWeb page mode development for both Win32 and .NET—quickly build dynamic Web pages with Delphi	🅓 🅓	Ⓐ	Ⓔ	Ⓟ
Delphi WebBroker Microsoft Internet Information Server (IIS) CGI and ISAPI Web application framework, wizards, components, and classes	🅓 🅓	Ⓐ	Ⓔ	Ⓟ
New! Indy v10 components with more than 120 Internet protocols and Internet standards including TCP, UDP, ICMP, SMTP, POP3, IMAP4, HTTP, NNTP, FTP, IPv6, and much more	🅓 🅓 🅒	Ⓐ	Ⓔ	Ⓟ

Web development: ASP.NET

	LANGUAGE	ARCH	ENT	PRO
New! Deployment Manager for ASP.NET application deployment	🅓 🅒	Ⓐ	Ⓔ	
Enhanced! dbWeb RAD ADO.NET data-driven Web Form controls	🅓 🅒	Ⓐ	Ⓔ	
New! dbWeb data-driven Aggregate Web Form controls	🅓 🅒	Ⓐ	Ⓔ	
New! dbWeb data-driven Audio Web Form controls	🅓 🅒	Ⓐ	Ⓔ	
New! dbWeb data-driven Video Web Form controls	🅓 🅒	Ⓐ	Ⓔ	
New! dbWeb server-side per-user XML data caching	🅓 🅒	Ⓐ	Ⓔ	
New! HTML/ASP ErrorInsight™	🅓 🅒	Ⓐ	Ⓔ	Ⓟ
New! HTML/ASP Structure View	🅓 🅒	Ⓐ	Ⓔ	Ⓟ
New! In-place Template Editing	🅓 🅒	Ⓐ	Ⓔ	Ⓟ
New! Cascading Style Sheets (CSS) Syntax Highlighting	🅓 🅒	Ⓐ	Ⓔ	Ⓟ
New! Cascading Style Sheets (CSS) Code Completion	🅓 🅒	Ⓐ	Ⓔ	Ⓟ
New! Select All Controls	🅓 🅒	Ⓐ	Ⓔ	Ⓟ
New! Rubber-band selection of controls within the designer (shift drag)	🅓 🅒	Ⓐ	Ⓔ	Ⓟ

Borland®

Borland® Delphi® 2005 Feature Matrix

Key: **D** – Delphi for Win32   **D** – Delphi for .NET   **C#** – C# for .NET

	LANGUAGE	ARCH	ENT	PRO
Enhanced! HTML file-error handling	D C#	A	E	P
Enhanced! HTML Formatter	D C#	A	E	P
Enhanced! WYSIWYG HTML/Web Forms designer—powerful and easy to use to enable rapidly building rich ASP.NET Web applications	D C#	A	E	P
Advanced enterprise development tools include code behind, remote debugging, ASP.NET, and HTML code completion	D C#	A	E	P
ASP.NET server controls enable an HTML-like style of declarative programming that lets you build great pages with far less code than with classic ASP	D C#	A	E	P
ASP.NET pages work in all browsers–including Netscape,® Opera,® AOL,® and Microsoft Internet Explorer®	D C#	A	E	P
Unique Web Forms designer supports simultaneous viewing and editing of Web Forms and word-processing-style HTML editing	D C#	A	E	P
Tag Editor provides easier access to editing specific parts of an HTML or ASPX page	D C#	A	E	P
Borland Object Inspector™ for HTML/ASPX Code Editor and Web Forms Designer	D C#	A	E	P
Complete CodeInsight™ support, including Tag Editor and Syntax Highlighting	D C#	A	E	P
Visually design ASP.NET Web Forms using common drag-and-drop or double-click techniques	D C#	A	E	P
Integrated debugging support ASP.NET Web applications	D C#	A	E	P
Integrated support for the W3C® HTML Tidy formatting engine, which helps improve the readability and correctness of HTML	D C#	A	E	P
IIS-independent design—build ASP applications without requiring IIS installed on the developer machine	D C#	A	E	P
ASP.NET user control development using the visual designer	D C#	A	E	P
Output caching increases the performance and scalability of your application	D C#	A	E	P
Session state management lets you share session data and user-specific state values across machines in your Web environment	D C#	A	E	P
Automatically detects and recovers from errors such as deadlocks and memory leaks to ensure that your application is always available to your users	D C#	A	E	P
Simplify installation of your application by easily copying it to the server; configuration settings are stored in an XML file within the application	D C#	A	E	P
Update compiled components without restarting the Web server	D C#	A	E	P
Integrated connectivity to the Microsoft Cassini Web Server for hosting ASP.NET from your application	D C#	A	E	P
Customize Cassini to create a more robust Web Server based on your requirements with included Cassini sample source code	D C#	A	E	P

Borland®

Borland® Delphi® 2005 Feature Matrix

Key: Ⓓ – Delphi for Win32   🄳 – Delphi for .NET   🅲 – C# for .NET

	LANGUAGE	ARCH	ENT	PRO
Visual Component Library for Win32 and .NET (VCL/VCL.NET)				
New! TDockTabSet tabbed docking component with autohide	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
New! TCategoryButtons—collapsible button categories just like those in the new Tool palette	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
New! TButtonGroup for combining buttons into a group	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
New! TPopUpActionBar—pop-up version of TActionMainMenuBar	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
New! TOpenTextFileDialog and TSaveTextFileDialog with user-selectable text encoding method	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
New! TListConnector—.NET TDataSet decendent that can consume data from .NET objects that implement IList, IBindingList	🄳	Ⓐ	Ⓔ	Ⓟ
VCL for the .NET Framework—managed Visual components for rapid application development	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
Standard, Data Controls, Dialogs, Internet Direct (Indy), Additional, Win32, System, Win 3.1, Data Access, and BDE component categories	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
Visual Form Inheritance and Form linking to reduce coding and simplify maintenance	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
Object-oriented, fully extensible and reusable component and application architecture	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
Object Repository for storing and reusing forms, Data Modules, and experts	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
Code Explorer for updated class reference for your application's unit files	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
TDateTime extensions accelerate your date and time calculations	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
SubComponent classes combine commonly mixed components for greater utility and speed the creation of user interfaces	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
Conversion Unit simplifies measurement conversions	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
Visual Component creation	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
Modern UI features: Docking, IntelliMouse® support, minimum and maximum component sizing constraints, and border anchors in visual components	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
Action List for managing and directing commonly used code in an application	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
Windows Server 2003, Windows XP, and Windows 2000 support for Multi-Monitor, MonthCalendar, PageScroller, and Flat Scrollbars	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
Support for Advanced Custom Draw functions for increased control over the Windows API	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
Action MainMenu and Action ToolBar components for sophisticated and centrally controlled user interface design with dynamic Action Manager-driven UI Surfaces	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
Action Manager provides central management of your actions and self-configuring dynamic user interfaces, taking the tedium out of UI design	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
ActionBands™ Customization Manager gives end users total control over ActionBands UI configurations at runtime	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
ControlBar for creating floating toolbars in GUI applications	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ
Frames for building and reusing compound components	Ⓓ 🄳	Ⓐ	Ⓔ	Ⓟ

Borland®

Borland® Delphi® 2005 Feature Matrix

Key:　　　**ⓓ** – Delphi for Win32　　　**ⓓ** – Delphi for .NET　　　**⊕** – C# for .NET

	LANGUAGE	ARCH	ENT	PRO
Microsoft .NET Framework v1.1				
Foundation Class Library (FCL) v1.1—More than 4500 classes that encapsulate rich functionality such as XML, data access, file upload, regular expressions, image generation, performance monitoring and logging, transactions, message queuing, SMTP mail, and much more	ⓓ ⊕	A	E	P
Common Language Runtime (CLR) v1.1—Improve application reliability, security, deployment, and performance, and run applications on high-volume, low-cost hardware	ⓓ ⊕	A	E	P
XML SOAP Web Services—Built on XML and incorporates the latest Web Services standards to facilitate cross-platform integration	ⓓ ⊕	A	E	P
.NET Framework remoting simplifies working with distributed .NET objects	ⓓ ⊕	A	E	P
Unified programming model—leverage the same skills and technologies for both Web (ASP.NET) and desktop Windows-based applications (Windows Forms), including XML Web Services as well as Web and smart-client applications for devices, PCs, and servers	ⓓ ⊕	A	E	P
Common Language Infrastructure (CLI)—seamless language interoperability between code written in Delphi, C#, Visual Basic .NET, and other CLI-compliant languages	ⓓ ⊕	A	E	P
.NET Designer Integration—.NET Framework features were designed specifically to improve the quality of the tools that use them, such as integrated debugging and profiling. Delphi is built to take advantage of the .NET Framework	ⓓ ⊕	A	E	P
Component Based Design—Similar to the VCL, the .NET Frameworkuses a highly componentized, plumbing-free design that requires less code and encourages reuse	ⓓ ⊕	A	E	P
Direct CLR class access; no need to translate header files	ⓓ ⊕	A	E	P
Employ Windows Application Services with Windows Server 2003, Windows 2000 Server, and COM+	ⓓ ⊕	A	E	P
Microsoft XCopy deployment—eEasy deployment leveraging the .NET Framework metadata technology	ⓓ ⊕	A	E	P
Side-by-side execution for strong-binding to help eliminate potential versioning conflicts	ⓓ ⊕	A	E	P
No-Touch Deployment – Smart-client applications can be deployed to client desktops through remote Web servers in the same manner as Web applications	ⓓ ⊕	A	E	P
Managed Code Execution—with memory, threads, and processes managed by the .NET Framework, memory leaks, overwrites, and buffer overflows are eliminated	ⓓ ⊕	A	E	P
Role-based security provides a unified model for authorization and authentication of principals based on identity and roles	ⓓ ⊕	A	E	P
ASP.NET Web Security supports HTTP authentication for Basic, Digest, NTLM, Kerberos, and SSL/TLS client certificates as well as Microsoft Passport authentication and Forms-based (cookie) authentication	ⓓ ⊕	A	E	P
Evidence-based security applies and enforces different levels of trust to all running code	ⓓ ⊕	A	E	P

Borland®