



Information Guide for Bentley Technology Partners – last revised: April, 2012

Introduction

Welcome to the Bentley Technology Partner Program, providing you with resources you can use to complement Bentley software and solutions. We designed the program to specifically meet the support and technological requirements needed to help you successfully bring your commercial offerings to market. As a Bentley Technology Partner, you may be eligible for many benefits, including:

- Bentley products, APIs, and SDKs
- Comprehensive support
- Relevant news and information
- Online sessions hosted by Bentley colleagues and executives
- Complimentary admission to the Bentley Developer Conference
- Access to OnDemand eLearning training courses
- Attend and exhibit at Bentley events, such as the Be Together Conference.

We look forward to developing a strong, mutually beneficial relationship with you -- one that will reap many rewards. If at any time, you have questions, comments or suggestions regarding the Bentley Technology Partner Program, [please contact us](#).

The Bentley Technology Partner Team

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1 Overview

Bentley Technology Partners offer hardware or software solutions that complement Bentley technology.

Bentley Hardware Providers

Bentley users benefit from state-of-the-art software solutions that deliver innovative capabilities for designing, modeling, and graphically representing the complex detail of the world's infrastructure. Bentley also offers a powerful, scalable, federated environment to meet the collaborative needs of its users. Bentley users can also benefit from leading edge hardware platforms to process, display, and share this information. Bentley's strong relationships with key providers of everything from desktop workstations to servers, graphics subsystems, wide-format output devices, and beyond ensure that the best solutions are available to fit users' needs and budgets.

Software Developers

Bentley Developer Network members develop software that integrates with and extends Bentley product capabilities to address end-user needs. Membership in the Bentley Developer Network provides everything you need to extend and customize Bentley products and applications to create world-class solutions to help sustain infrastructure. The Bentley Developer Network provides third-party developers with resources to create value-added solutions based on Bentley offerings. The Bentley Developer Network offers convenient access to information, development tools, technical support, and programming resources to expand your development options, help you work more efficiently, and reduce your cost of development. Bentley Developer Network Members extend and enhance Bentley software by delivering applications that embed, complement, and interoperate with or otherwise add value to Bentley software solutions.

Keith Bentley, Chief Technology Officer Bentley Systems, Incorporated says "With the MicroStation platform, opportunities for innovation are practically limitless. Almost everything we do in MicroStation is exposed through a programming layer. The Bentley Developer Network supplements those standard tools with additional APIs specifically for members. The Bentley Developer Network is an outstanding resource for users and third parties to extend and customize MicroStation, ProjectWise, and Bentley applications to create world-class AEC solutions."

The Bentley Developer Network consists of two different types of developers: Commercial developers and SELECT subscribers. Commercial developers are third-party developers who are interested in developing or already have an application complementing Bentley products available for commercial resale. SELECT subscribers are those who customize, develop, or extend Bentley products for deployment and use within their organization.

The following chart shows the benefits available Bentley Technology Partners:

| Benefit | BDN | | Hardware Provider |
|--|--------|------------|-------------------|
| | SELECT | Commercial | |
| Yearly subscription fee (in USD) | 1 | 2 | 0 |
| SELECTservices Online access | 3 | ✓ | ✓ |
| Products | 3 | ✓ | ✓ |
| APIs & SDKs | ✓ | ✓ | ✓ |
| Product Licenses | 4 | 5 | ✓ |
| Private community on Be Communities | ✓ | ✓ | ✓ |
| Developer support | ✓ | ✓ | ✓ |
| BDNonline | ✓ | ✓ | ✓ |
| DevCon events | ✓ | ✓ | ✓ |
| Early Access Program eligibility | ✓ | ✓ | ✓ |
| Get ProjectWise! program | x | ✓ | ✓ |
| Access to OnDemand eLearning sessions | x | ✓ | ✓ |
| Mentoring/Porting Program | x | ✓ | ✓ |
| Bentley Partner Index entry | x | 6 | 6 |
| Training event exhibit space discounts | x | ✓ | ✓ |
| Sell custom applications | x | ✓ | ✓ |
| Co-marketing | x | 7 | ✓ |

Notes:

- 1 – opt-in benefit of Bentley SELECT
- 2 – varies by region, please [contact us](#) for pricing details
- 3 – currently covered with Bentley SELECT
- 4 – must use existing licenses
- 5 – up to 5 per product per site (for NON-PRODUCTION USE)
- 6 – when available
- 7 – at Bentley Systems' discretion

2 Program Benefits

Products, APIs, and SDKs

- ◆ [MicroStation, ProjectWise, and Bentley Solutions](#) – Access to Bentley product releases and other resources through the SELECTservices Online Web Downloads or on customized MySELECT CD.
- ◆ [Network License](#) – Product activation keys provided through a Bentley-hosted SELECTserver OnLine site (for non-production purposes only). *
- ◆ [Application Programming Interfaces \(APIs\)**](#) - A range of APIs that supplement standard product development tools.
- ◆ [Software Development Kits \(SDKs\)**](#) - Includes the APIs, sample code, and documentation, as well as necessary libraries and support files.

Technical Support & Training

- ◆ [Support](#) – User and developer support from the source.
- ◆ [Forums](#) – Public and private forums to discuss Bentley technologies with users, developers, and Bentley personnel.
- ◆ [Mentoring and Porting Labs](#) – Hands-on experience and insight into issues relevant to getting your existing application code to the latest versions of Bentley products, as well as APIs, in either a classroom or lab environment (typically held at a Bentley office).
- ◆ [Bentley LEARN OnDemand eLearning](#) – Get anytime, anyplace, learning through OnDemand eLearning. Hardware Providers and Bentley Developer Network commercial members have access to thousands of hours of online training – shortening the learning curve for Bentley products and helping you rapidly understand fundamental concepts while eliminating travel, fitting within any schedule, and reducing time away from other projects. *

News, Information, and Reference Material

- ◆ [Online Information](#) – Anytime, anywhere online access to a wide variety of critical technical information and interactive support tools.
- ◆ [Online Sessions](#) – Members have access to online sessions hosted by Bentley programmers and software development executives.

Events

- ◆ [Bentley Developer Conference](#) – The annual Bentley developer conference dedicated to third-party developers. Learn about the latest development tools, share insight and network with other developers, and provide feedback to key Bentley programmers.

- ◆ [Be Together Conference](#) – This event provides users with access to the latest training and technology, and features keynotes and insights from prestigious industry speakers. The conference provides a great opportunity for members to demonstrate their offerings and network with users that they otherwise might not be able to.

Marketing and Business Development

- ◆ **Bentley Technology Partner Program Logo** – Hardware Providers and Bentley Developer Network commercial members are eligible to obtain and use the Bentley Technology Partner logo to identify themselves as being a member of the Bentley Technology Partner Program. Note that Bentley Developer Network commercial members can use the logo **ONLY** if the applications and products they develop use Bentley product APIs and SDKs.
- ◆ **Bentley Co-marketing Programs** – Bentley Technology Partners may participate in a wide variety of co-marketing programs to get their products in front of Bentley users. Programs range from advertising discounts in Be Current to discounts for exhibiting at Bentley events. *

* - Excludes SELECT subscribers

** - Certain APIs/SDKs may have training and/or consulting prerequisites

3 Product and Bentley Developer Network Downloads

3.1 To download or create a MySELECT CD

- ◆ Go to [SELECTservices Online](#).
- ◆ Click on the Downloads/MySELECT CD link in the Downloads and Updates section
- ◆ If prompted, log in.
- ◆ Choose the appropriate Download Category (note that downloads only available to Bentley Developer Network Members are under the “Bentley Developer Network” category. SELECT Released, Beta, and Release Candidate products – as well as the MicroStation SDK – are under the respective download category).
- ◆ Set the Search By and Filter By criteria appropriately (setting the Date range to All will show all available downloads in the respective areas).
- ◆ Click the Search pushbutton to display what is available based the criteria you set.
- ◆ Click on any of the links in the “menu” right below the SELECTservices: Downloads/MySELECT CD (e.g. Bentley Developer Network, Documentation and Tutorials, Enhancements and Updates, etc.) you will see the results for that particular category (i.e. as a “sub” of All).
- ◆ A description of each download package is available by clicking on the Web Download/MySELECT CD Product title link.
- ◆ Check the box for each download you are interested in and then follow the directions to download or create a CD. **Note:** If you do not see boxes to tick, you most likely do not have SELECTservices Online download privileges to access Web Downloads or MySELECT CD.

3.2 APIs and SDKs currently available:

| Name | Version |
|---|--------------|
| MicroStation SDK ¹ | 08.11.07.443 |
| Geospatial Desktop SDK ² | 08.11.07.434 |
| ProjectWise Integration Server V8i SDK | 08.11.09.109 |
| Bentley Facilities SDK | 08.11.09.63 |
| Bentley Geo Web Publisher SDK | 08.11.07.430 |
| WaterObjects.NET SDK | 08.11.00.05 |
| ProjectWise Integration Server V8i SDK | 08.11.07.443 |
| Bentley ProjectWise Geospatial Management | 08.11.07.21 |
| Bentley Publishing SDK | 08.09.04.03 |
| Bentley Building Platform SDK | 08.11.07.77 |
| ProjectWise Integration Server V8i SDK | 08.11.07.133 |
| ProjectWise Integration Server V8i SDK | 08.11.05.63 |
| ProjectWise V8 XM Edition SDK | 08.09.04.131 |
| ProjectWise Integration Server V8i SDK | 08.11.07.107 |
| Bentley Geo Web Publisher SDK | 08.11.05.33 |
| WaterObjects.NET SDK | 08.11.00.03 |
| ProjectWise InterPlot SDK | 08.11.05.15 |
| Bentley Building Platform SDK | 08.11.04.46 |
| ProjectWise Integration Server V8i SDK | 08.11.05.21 |
| ProjectWise V8 XM Edition SDK | 08.09.04.89 |
| ProjectWise V8 XM Edition SDK | 08.09.03.98 |
| Bentley Geo Web Publisher SDK | 08.09.04.15 |
| WaterObjects.NET SDK | 08.09.00.04 |
| Bentley Structural XM Edition SDK | 08.09.04.39 |
| MicroStation TriForma V8 XM Edition SDK | 08.09.04.63 |

¹ – Web Downloads SELECT Release Download Category

² – Delivered with Bentley Map

4 Bentley Product Licensing

Hardware Providers and Bentley Developer Network commercial members are eligible for licenses for Bentley products, APIs, and SDKs (**NOTE:** for Bentley Developer Network commercial members, development licenses are provided for the term of the commercial membership and can be used **ONLY** for development purposes).

Hardware Providers and Bentley Developer Network commercial members are provided an activation key to obtain product licenses hosted on a [SELECTserver Online](http://selectserver.bentley.com) site. Site administrators can check the status of their product activations by going to <http://selectserver.bentley.com/bss/> and logging in using their SELECTservices credentials.

The same terms and conditions specified in each product End-User License Agreement (EULA) is applicable to Bentley Technology Partners.

The use of product licenses for Bentley Developer Network commercial member training and/or support purposes, which would involve the commercial member's product(s) only and not any Bentley product on its own, is free for the first 5 licenses (amalgamated with any licenses for support purposes). Any Bentley product training can only be done through the Bentley Institute.

5 Support Options

One of the many benefits that Bentley Technology Partners can take advantage of is priority technical support. We can provide the best service possible through the following:

- [Service Ticket Manager](#), which includes:
 - ◆ [Add New Service Ticket](#) – Submit a new Service Ticket online.
 - ◆ [My Service Tickets](#) – View all Service Tickets logged by you, including date opened, status and analyst assigned to the Service Ticket.
 - ◆ [Site Service Tickets](#) – View all Service Tickets logged by anyone at your company site, including date opened, status and analyst assigned to the ST.
 - ◆ [Service Ticket Stats](#) – View a statistical breakdown of all Service Tickets by status (Open, Closed, Escalated, etc.)

- Public Forums:
 - ◆ [MicroStation V8i Programming Forum](#)
 - ◆ [MicroStation V8i VBA Forum](#)
 - ◆ [MicroStation V8 XM Edition Programming Forum](#)
 - ◆ [MicroStation V8 XM Edition VBA Forum](#)
 - ◆ [MicroStation V8 2004 Edition Programming Forum](#)
 - ◆ [MicroStation V8 2004 Edition VBA Forum](#)

- Articles and discussions through the private [Bentley Developer Network community](#) on [Be Communities](#) (note that you must first be a Be Communities member and then request access and then be “approved” to that community before you can access its forum, blog, or image and file area).

- [SELECTservices Live Chat](#) for quick and effective support of issues. If the issue cannot be resolved after 15 minutes, e-mail communication will be suggested.

Note that although there is a bdn@bentley.com email address, that is intended for non-technical issues directly related to the Bentley Technology Partner Program and not for developer support.

6 Mentoring and Porting Assistance

Bentley Developer Network commercial members can take advantage of a migration (or mentor) option, where you arrange to spend up to two business days in the most applicable Bentley development center (you cover your travel and accommodation expenses) and Bentley developer personnel will assist in the development efforts by answering questions in person.

Autodesk Developer Network members who join the Bentley Developer Network are eligible for incremental benefit of up to 50 hours of "porting assistance", schedule permitting. This requires an agreement to release a version of your application on a Bentley product as soon as the latter is commercially reasonable.

7 BDNonline Sessions

Upon request, the Bentley Technology Partner team hosts informative online sessions using Internet-based video and Voice-over-IP (VoIP) capabilities. Each pre-defined session covers a single topic and consists of a PPT presentation, code examples, and question-and-answer time. Online sessions are typically hosted in Exton and are recorded for future reference. Previous recordings are available from the BDNonline Session Recordings archive, which can be downloaded from the Bentley Developer Network Download Category of SELECTservices Online, as can any example code and other presentation material used in the sessions.

8 Tradeshow and Conferences

Conference Exhibits

The Be Together Conference is an opportunity for decision makers and practitioners who want to sharpen their skills and expand their knowledge. Be Together includes hundreds of information-rich sessions:

- ◆ **New Technology Updates:** direct from Bentley developers and product managers, including the latest on MicroStation and ProjectWise.
- ◆ **Best-Practice sessions:** from accomplished peers and technology experts.
- ◆ **Keynotes:** hear from business gurus and Bentley executives.

In just days, attendees better themselves, better their organizations, and better the ways they can improve the world's infrastructure.

Bentley Technology Partners have the opportunity to exhibit their latest offerings to conference attendees, who come from AE firms, Architecture firms, Design Build firms, Engineering Consultants, Facility Owner Operators, DOTs, Rail companies, Site Engineering firms, Communications and Utilities firms, Federal Government & Defense Contractors, Local Government, Public Works, Plant EPCs, and Plant Owner Operators. They are also users of MicroStation and ProjectWise, and they are ESRI, Land Desktop, Haestad Methods, AutoPLANT, and PDS users. Click [here](#) for more information regarding this.

Developer Conference

- ◆ Get the latest and greatest information on Bentley's software products.
- ◆ Learn how to create added value on Bentley's solutions.
- ◆ Hear from key Bentley developers in presentations covering various topics.
- ◆ Network with others active in development.
- ◆ Meet with Bentley personnel to gain inside information on upcoming offerings.
- ◆ Provide an opportunity for Bentley Developer Network Members to "show off" their offerings as well as ask questions and/or get input from their peers.
- ◆ Network with account managers and product marketing.

For those who cannot attend the Developer Conference, follow-up mini-conferences are often held where there is necessary and sufficient need. These sessions typically consist of presentations, code examples, and question-and-answer time through virtual sessions along with some form of teleconferencing.

9 Training Through the Bentley Institute

The Bentley Institute develops and delivers accredited professional training that helps busy infrastructure professionals and developers stay informed. Get anytime, anyplace learning through OnDemand eLearning. Hardware Providers and Bentley Developer Network commercial members have access to thousands of hours of online training, shortening the learning curve for Bentley products and helping you rapidly understand fundamental concepts while eliminating travel, fitting within any schedule, and reducing time away from other projects.

For more information, or if you are interested in taking advantage of this program, [please contact us](#).

10 Get ProjectWise Program

ProjectWise is the content management backbone of the Bentley managed environment, bringing together disparate sources of information and supporting collaboration across a distributed organization. ProjectWise provides a common infrastructure through which users can access and re-use data throughout the life of the asset. Multi-office and global firms can securely share information with every project team member through ProjectWise's common user interface.

To better understand the benefits that ProjectWise provides, Hardware Providers and commercial members of the Bentley Developer Network are eligible to obtain and use the latest release of ProjectWise Integration Server, Administrator, and Client setups specifically to run in your business. Additional modules (e.g. Geospatial Management, Reports, Import/Export, etc.) and localized versions of ProjectWise will be provided upon request (when they are available -- [please contact us](#) with any additional module requests). For your convenience, MSDE can also be provided, should you need either of those. Up to 5 FREE ProjectWise passports can be provided (per site that we have on record) that will run through the term of your Bentley Technology Partner Program membership (passports will be renewed upon renewal of the membership). We also offer OnLine eDemand training courses through the Bentley Institute.

ProjectWise highlights include:

- ◆ ProjectWise Web Explorer Lite support for check in/out, documentation creation, redlining and workflow.
- ◆ Full Text Search within DGN/DWG, Office, text, and Adobe PDF documents.
- ◆ Thumbnail support in Preview Pane and all file-open and reference attach dialogs.
- ◆ AutoCAD support.
- ◆ Application Integration Configurations.
- ◆ DGN indexing, which extracts information about the cells, custom linestyles, levels, saved views and models that make up your design data and displays this information in ProjectWise clients to aid searching and navigating your projects.

Notes:

- ◆ ProjectWise contains numerous enhancements and new functionality. The complete list can be found in the What's New section of the delivered documentation.
- ◆ Connection to a database server is required. If one is not available to you, MSDE can be provided (if you do have access to a database server, you do not need to install MSDE).
- ◆ Hardware/software requirements can be found in the respective [product ReadMe](#).

If you are upgrading to the current ProjectWise release, we highly recommend contacting Bentley Professional Services for assistance in planning and conducting the upgrade.

11 Bentley View Distribution

Given the very real potential for reaching into as-of-yet untapped markets, Hardware Providers and Bentley Developer Network commercial members are eligible to enter into an agreement with Bentley that provides them with the ability to distribute an unmodified delivery set (e.g. registration is not disabled, Bentley View splash screen appears, etc.) of the latest version of Bentley View with their product(s). Embedding Bentley View in your own product(s) is not allowed -- this would be a standalone installation. This would not require a change to anything in the software -- the EULA that is "embedded" in the installation program as well as the product itself prohibits distribution. The necessary agreement is simply a letter or distribution agreement allowing the partner to distribute the package. Anyone who subsequently installs it would be bound by Bentley View's EULA.

12 BDN for SELECT Subscriber Benefits

Bentley Developer Network for SELECT subscribers is a benefit of Bentley SELECT extended under the terms of Exhibit E to the SELECT Program Agreement and following the benefits identified below:

- ◆ **Limitations:** Up to five (5) individuals per SELECT subscriber site can request to be in the Bentley Developer Network.
- ◆ **Fees:** There are currently no additional fees above and beyond the subscriber's SELECT Program Fees. In other words, Bentley Developer Network for SELECT subscribers is an inclusive benefit of the SELECT Program.
- ◆ **Licenses:** SELECT subscribers must acquire Bentley products licenses and cover such license under SELECT for development use. SELECT subscribers are not entitled to additional, no-cost product licenses for development use.
- ◆ **Products:** SELECT subscribers have access to Bentley products available from SELECTservices Online Web Downloads and MySELECT CD, provided that the SELECT subscriber is currently licensed to use those products and those products are covered under a SELECT agreement.
- ◆ **APIs and SDKs:** SELECT subscribers are eligible for access to Application Programming Interfaces (APIs) and Software Development Kits (SDKs) (including the latest versions) that apply to the products for which they are developing applications to extend the functionality of those product's for the SELECT subscriber's internal production use. Some APIs and SDKs may require prerequisite training/consulting, which is identified in the description of the API or SDK.
- ◆ **Support:** All SELECT subscribers programming-related issues are subject to the terms and conditions described in the Bentley SELECT Agreement. Individual issues, including those related to Bentley products, should be submitted to the global support team via the Service Ticket Manager or other Bentley support services described on the [SELECTservices Online](#) Web site.

Bentley Developer Network for SELECT subscribers allows SELECT subscribers to extend and enhance Bentley software that is licensed to that subscriber—and is covered by a SELECT agreement—for that subscriber's internal, production use.

Bentley Developer Network for SELECT subscribers is not intended for subscribers who develop software products, applications, or macros for sale outside their own organization. It is also not intended for organizations that provide end-user training on Bentley products other than to internal end users. If your organization falls into either of those categories, Bentley offers other programs -- such as Bentley Developer Network for commercial developers -- that may be better suited to your business.

Should you have any questions or comments regarding the information described above, [please contact us.](#)

13 FAQ

Q: Can I distribute any part of MicroStation or Bentley product with my application?

A: Without a distribution agreement, including and/or distributing any Bentley product (in part or whole) is prohibited.

Q: Do I have to request my membership or development licenses be renewed every year?

A: Commercial membership in the Bentley Developer Network is auto-renewing every year, meaning that there is no need to request a renewal or licenses. Note that requests to terminate membership after 30 days of renewal will be honored at the end of year for that invoice.

Q: Can I use development licenses for marketing, sales, or training purposes?

A: Development licenses are intended specifically for development purposes. In some instances, licenses can be provided for marketing, sales, or training purposes for your products. [Please contact us](#) with specific requests.

Q: Can Bentley Developer Network commercial members use development licenses for production purposes?

A: The use of development licenses for production purposes is not allowed. You need to purchase product licenses for production purposes.

Q: Can I download any Bentley product, API, or SDK from SELECTservices Online?

A: That is certainly allowed as long as you are developing an application or product that requires the API, SDK, or product.

Q: What is MySELECT CD?

A: MySELECT CD is a service that enables you to pick the Bentley products, documents, or files you would like on CD and then customize the label to your preference.

Q: How long do I have to wait for delivery of a MySELECT CD?

A: Depending on your location, your CD will normally be delivered within 4-10 working days.

Q: How many CDs can I request?

A: The normal allowance is five CD requests per quarter. When logging onto the MySELECT CD server, you will see the number of CDs remaining for the current quarter.

Q: Can everybody in my company request CDs?

A: Only personnel authorized by your Site Administrator(s) can request CDs. The Site Administrator has the ability to grant permission to use MySELECT CD to him/herself before logging onto the server the first time. The updates are activated in batches, and will take effect within four hours. Authorizations for all SELECTservices are administered with the Permissions Tool. A link to this is found in the [My Account](#) area of SELECTservices Online.

Q: How many Site administrators can I have at one site?

A: As many as you desire. From the SELECTservices Online Web site, go to [My Account](#) and then to Permissions. First you will see a list of all the users in your organization that have requested a login for SELECTservices Online. Opening the individual's record, you will see what permissions they have. At the bottom of this page, you will see a link for Site Administrators. Anyone listed as a Site Administrator can give (or take away) permissions for an account at that site. By checking or unchecking a box and clicking on "Update Privileges", a Site Administrator may add or remove privileges in the user's profile.

Q: What defines a site and how many can be part of the Bentley Developer Network?

A: A site is defined as one discreet geographic location (i.e. country). If you want to add sites to your primary commercial membership location, please obtain, fill out, and return [this form](#).

If you have any questions regarding any of these questions or if you have a question that is not addressed in this FAQ, [please contact us](#).