



Bentley Connect

L-Tér Informatika : Kozma Attila

A Bentley szoftverek magyarországi forgalmazója

GISopen 2017



Advancing Infrastructure

Hosszú távú célkitűzés:

Az infrastruktúra

tervezésének,

építésének,

fenntartásának

első számú megoldásszolgáltatójává válni.

connect.bentley.com

- Bentley Connect Edition : 400+ műszaki alkalmazás
Alkalmazások összekapcsolása
- Bentley Connect Cloud Services
Szolgáltatások összekapcsolása
- Bentley Connect SELECTservices
Támogatások összekapcsolása
- Bentley Connect LEARNservices
Ismeretek összekapcsolása

Design

Build

Operate





CONNECT Edition



Átfogó szoftverportfólió építése

Akvizíciók:

- **Acute3D - ContextCapture:** Fotogrammetria, 3D modellezés
- **LumenRT** – Virtuális valóság tervezés, megjelenítés

Stratégiai együttműködés:

- **Siemens - OpenPlant:** Létesítménytervezés, üzemeltetés
- **Cesium Consortium** – AGI: Opensource globális térinformatika



MicroStation

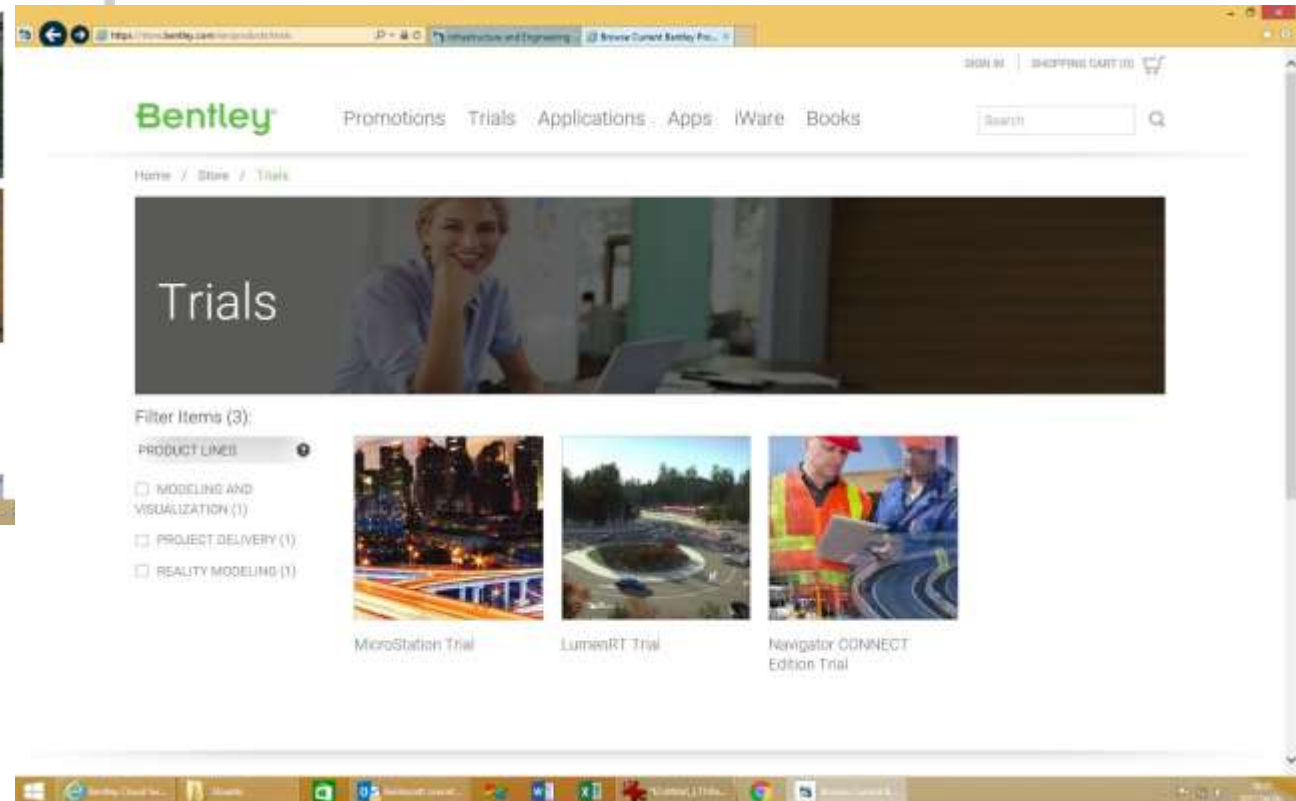
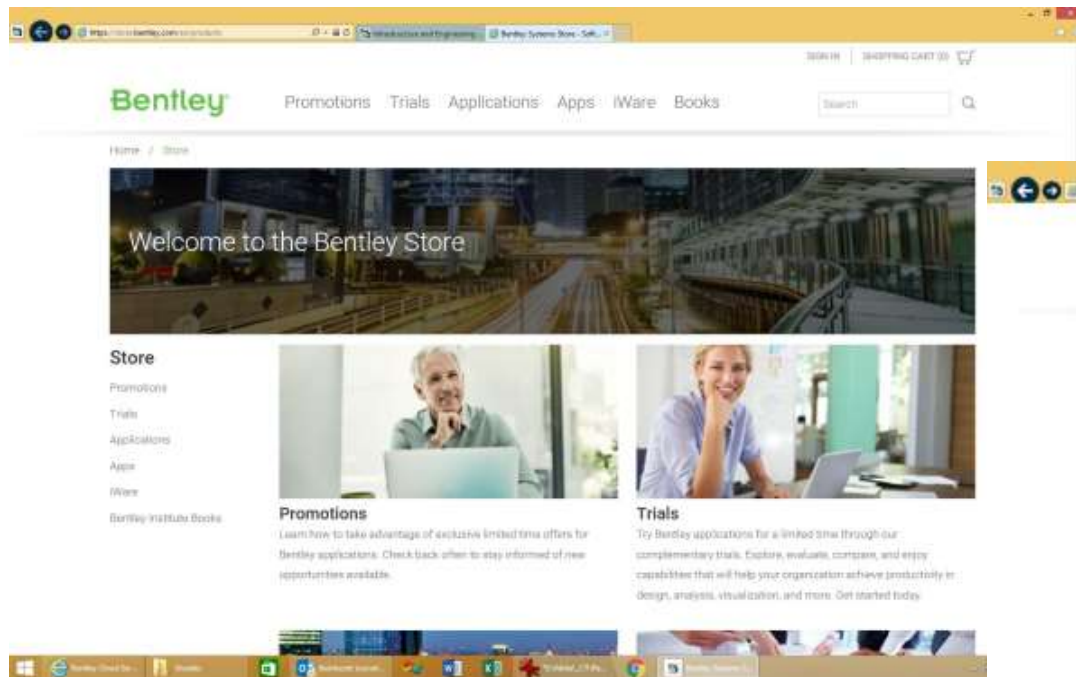
3D modeling and
documentation software for
infrastructure projects

MicroStation CONNECT Edition

- Változatlan .DGN V8 formátum (DWG és DXF szerkesztés)
- Windows 7.1 – 10, 64 bit
- Modernizált C++ API-k
- Jobb Microsoft .NET integráció és példák
- Microsoft VBA 7.1 (64-bit)
- Microsoft Visual Studio 2015
- Bentley Macro Recorder
- MDL SDK példák
- 14 napos próbaverzió letölthető!

store.bentley.com

/store.bentley.com/trials



store.bentley.com

MicroStation CONNECT Edition: 64-bit előnye

- Nagyobb méretű és komplexebb állományok kezelése, feldarabolás nélkül
 - Digitális terepmodell
 - 3D városmodell
 - Nagyipari létesítmények
 - Pontfelhők, légifotók és ContextCapture állományok
- Az új generációs hardverek teljesítményének kihasználása számításigényes feladatok gyorsítására, mint például:
 - Nagy méretű állományok megjelenítése
 - Nagy méretű adatállományok módosítása
 - Renderelés, animáció
 - Digitális terepmodellek építése, ütközésvizsgálat

- **Modernizált kezelőfelület**

- **Dokumentáció**

- Automata lapelrendezés
- Lap index
- Tulajdonság vezérelt feliratozás
- Tulajdonság vezérelt megjelenítés/nyomtatás
- Tulajdonság vezérelt riportok

- **Vizualizáció**

- Modo 801 (volt Luxology HD) render motor
- Fejlettebb textúrázás

- **Modellezés**

- Kényszerek
- Parametrikus testek/felületek
- Funkcionális alkotóelemek

- **Nyomtatás**

- Szerver oldali feldolgozás
- PDF és raszter nyomtatás továbbfejlesztése
- Több lapos dokumentációk

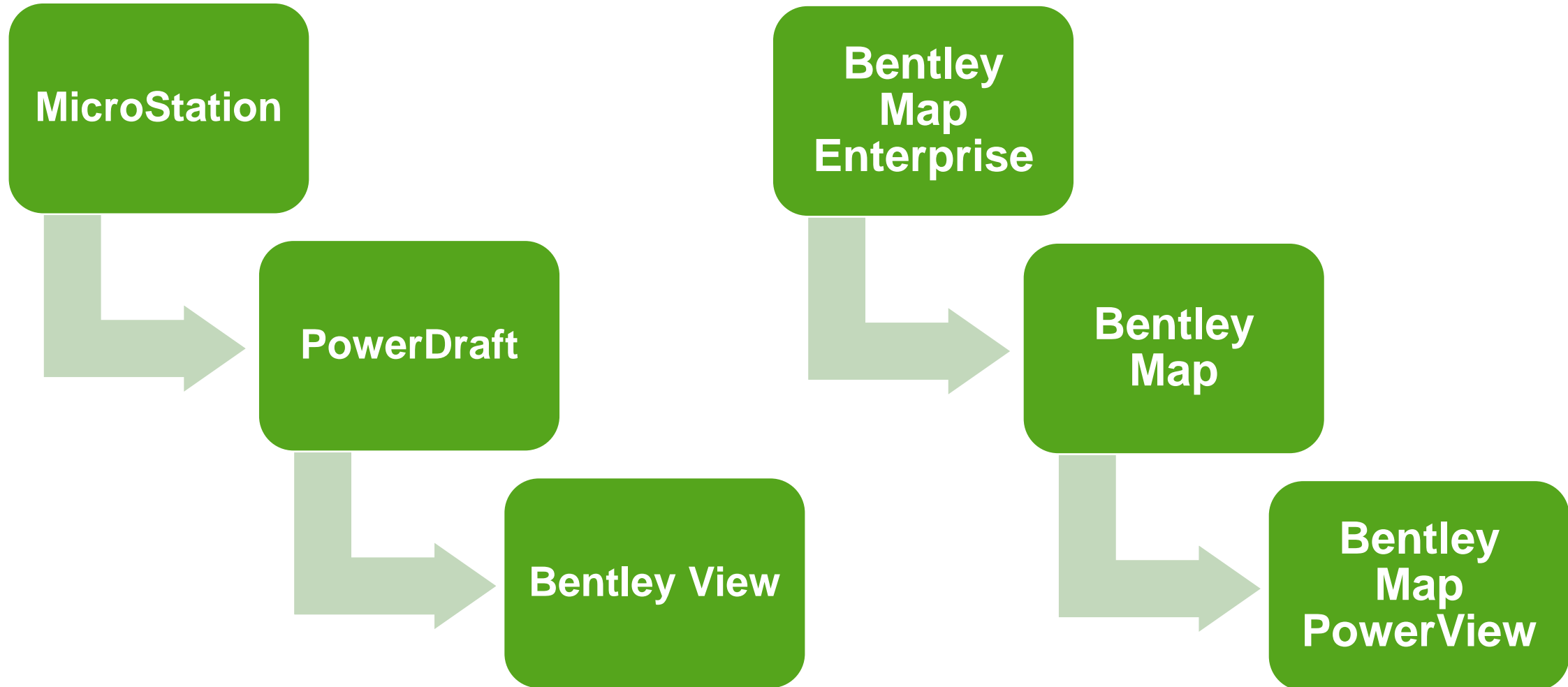
- **Együttműködés**

- RealDWG 2016
- JT formátum
- IFC CV 2.0

- **Adminisztráció**

- Virtualizációs környezet (Citrix XenApp, Numecent)
- Nyelvi csomagok
- Asztali CONNECTION kliens
- Egyértelműbb konfigurációs szintek (WorkSpace/WorkSet)

Skálázható megoldások



Bentley Connect SELECTservices

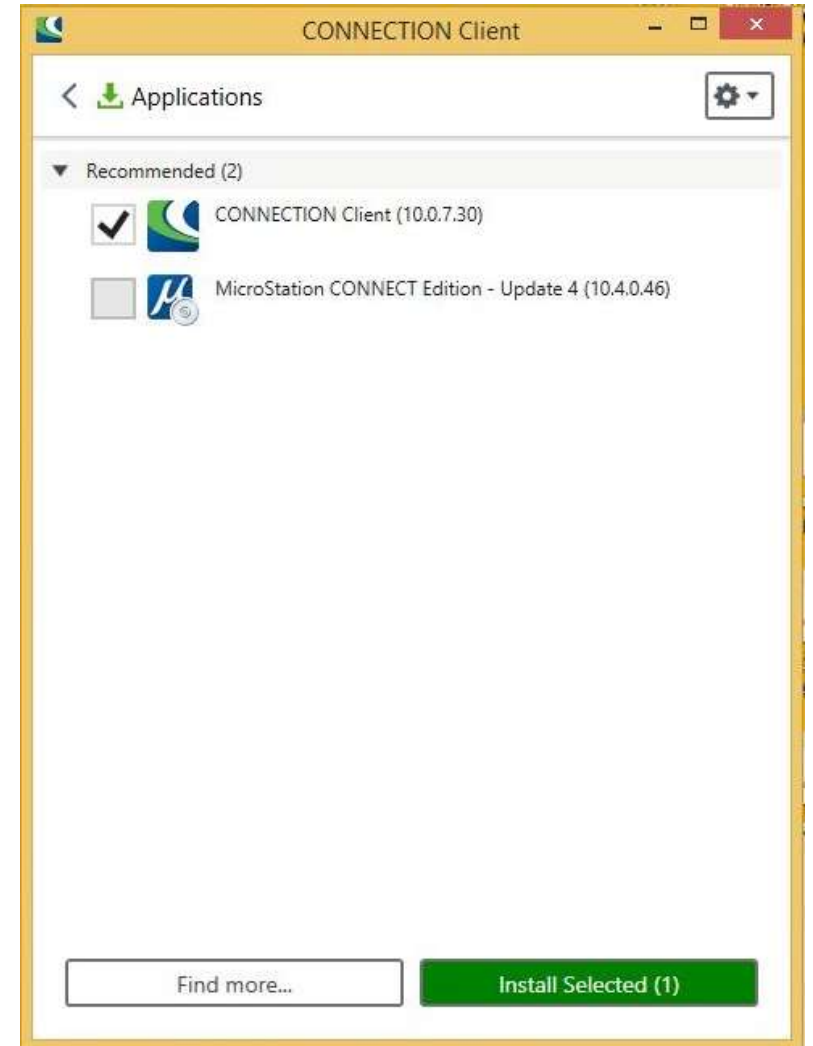
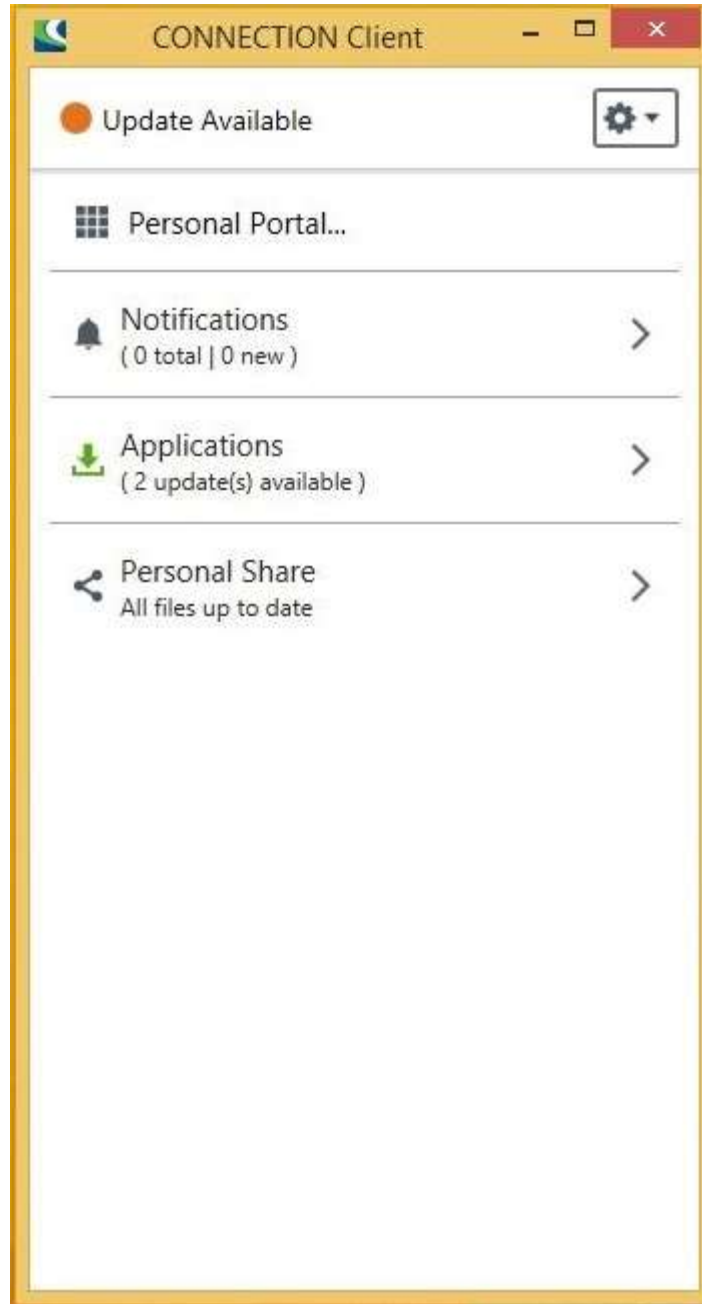
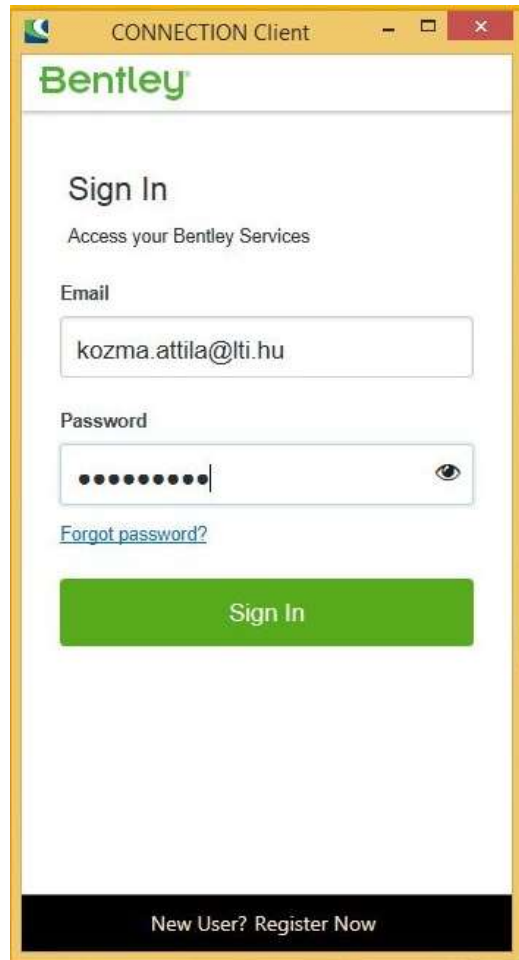
- **QTL** – használat utáni díj negyedévente
- **CSS** – használat utáni díj éves előfizetésben
- **Felhő alapú szolgáltatások:** számítások, fotogrammetria, ProjectWise
- **Bentley LEARN** : Ingyenes oktatás, oktatási anyagok
- Verziófrissítés
- Szoftvercsere évente
- 24/7/365 technikai támogatás
- Rugalmas licenz használat: hálózatos licenszek, többlehasználat

Connection Client

The image displays three overlapping screenshots of the Bentley Store website. The top-left screenshot shows the main store page with a 'Welcome to the Bentley Store' banner and navigation links for Promotions, Trials, Applications, Apps, iWare, and Books. The top-right screenshot shows the 'iWare' section, featuring a filter menu with 14 items and a grid of product cards including Acute3D Viewer, ABS Toolkit, Bentley Configuration Explorer, and Bentley DGN Reader for Windows. The bottom screenshot shows the 'CONNECTION Client' product page, which includes a large graphic and two 'Download Now' buttons.

store.bentley.com

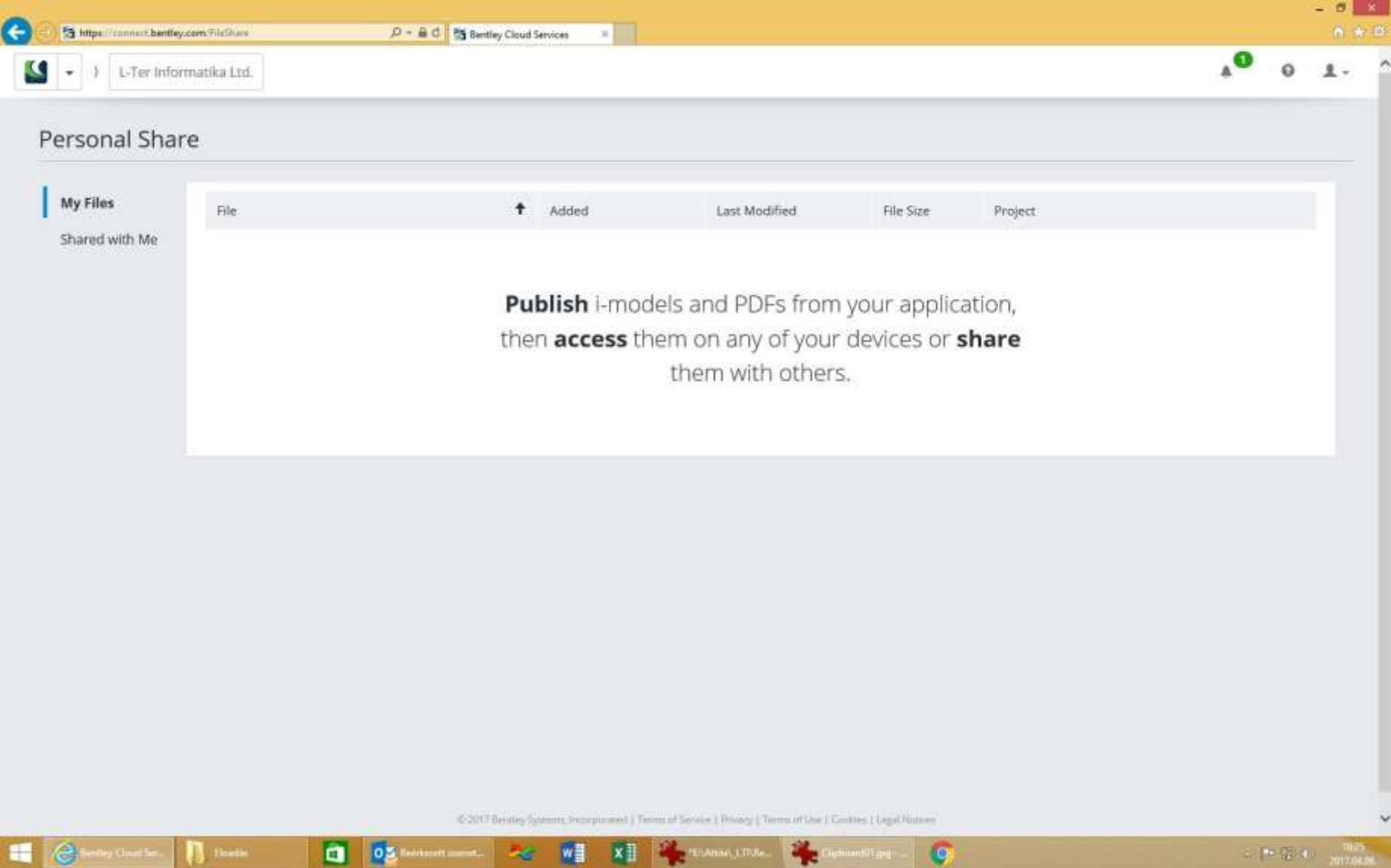
Connection Client



Personal Portal - CONNECTION Center

The screenshot shows the CONNECTION Center web portal in a browser window. The browser address bar shows <https://connect.bentley.com/> and the page title is "Bentley Cloud Services". The user is logged in as "L-Ter Informatika Ltd.". The main content area is titled "CONNECTION Center" and features a central banner for "Adaptive Learning Services with the CONNECT Advisor" with a "Download" button. To the right of the banner is a vertical menu with options: "Learn Now", "Learning Certificates", "Learning Paths", "Active Learning", and "Register for Learning". Below the banner is a "My Activity" section with filters for "Week", "Month", "Quarter", and "All", and tabs for "Projects" and "Applications". The activity area displays "No Activity Recorded" and a "View Report" button. To the right of the activity section is a "ProjectWise Projects" list showing a project "2017_Szeged_45-569# GDF SUEZ (partelep felmérés)". Further right is a "Personal Share" section with the text "Publish i-models and PDFs from your application, then access them on any of your devices or share them with others." and a "Learn more..." link. On the far right is a calendar for "APRIL, 2017" and an "Upcoming Events" section listing several webinars and seminars, including "Webinar: Integrated Infrastructure Lifecycle for Airports" and "Seminar: Digital Airport Symposium 2017". The bottom of the page features a "Communities" navigation bar with links to "Modelling and Visualization", "Printing and Plotting", "Visualization", and "Bentley Cloud and Web Services". The Windows taskbar at the bottom shows various open applications and the system clock.

Personal Portal - CONNECTION Center



Personal Portal – Projekt létrehozás

The screenshot shows a web browser window with the URL <https://connect.bentley.com/Admin/ProjectRegister?id=70366bec-221-D>. The breadcrumb navigation shows 'L-Ter Informatika Ltd.' and '2017_Szeged_45-5698 GDF SUEZ ipartelep felmérés'. The main content area is titled 'Edit Project' and includes a note: '*The number, name, asset industry and asset type fields are required.' The form contains the following fields and options:

- Number ***: Text input with value '2017_Szeged_45-5698' and a character limit of 36 max characters.
- Name ***: Text input with value 'GDF SUEZ ipartelep felmérés' and a character limit of 150 max characters.
- Asset Industry ***: Dropdown menu with 'Electric and Gas Utilities' selected.
- Asset Type ***: Dropdown menu with 'Gas Distribution Networks' selected.
- Role-Based Access Control**: Enable Role Based Access Control
- Team Member Management**: Allow External Team Members
- Use Location**: Use Location, Use Latitude/Longitude
- Location**: Text input with value 'Szeged' and a character limit of 700 max characters.
- Time Zone**: Dropdown menu with '(UTC+01:00) Belgrade, Bratislava, Budape' selected.
- Project Country ***: Dropdown menu with 'Hungary' selected.
- Status**: Active, Inactive

At the bottom of the form are three buttons: 'Delete' (red), 'Save' (green), and 'Cancel' (grey). The footer of the page contains copyright information: '© 2017 Bentley Systems, Incorporated | Terms of Service | Privacy | Terms of Use | Cookies | Legal Notices'.

Personal Portal – Projektek listája

The screenshot displays the Bentley Personal Portal interface. At the top, the browser address bar shows the URL <https://connect.bentley.com/SelectProject/Index>. The user is logged in as 'L-Ter Informatika Ltd.'. The main heading is 'Projects', with a 'Register a Project' button and a filter icon to the right. Below the heading are navigation options: '★ Favorites', '🕒 Recent', and '🔍 Search'. A table lists the projects:

★	Project Number	Project Name	Asset Type	Location
★	2017_Szeged_45-5698	GDF SUEZ Ipartelep felmérés	Gas Distribution Networks	Szeged

At the bottom of the page, the footer contains the copyright information: © 2017 Bentley Systems, Incorporated. The Windows taskbar at the very bottom shows several open applications, including Bentley Cloud Services, Microsoft Office, and a web browser.

Personal Portal - Projekt adatlap

The screenshot displays the Bentley ProjectWise Personal Portal interface. At the top, the browser address bar shows the URL <https://connect.bentley.com/project/intel/projectId=7d36a0ec-2280->. The user is logged in as 'L-Ter Informatika Ltd.' with the role '2017_Szeged_45-5698 GDF SUEZ Ipartelep felmérés'. The main content area is titled 'ProjectWise' and 'GDF SUEZ Ipartelep felmérés'. It is divided into three columns: 'Project Details', 'Team Members', and 'Notifications'. The 'Project Details' column lists: Registered: csütörtök, 2017. április 6.; Industry: Electric and Gas Utilities; Asset Type: Gas Distribution Networks; Location: Szeged; Project Country: HU; Time Zone: Central Europe Standard Time (UTC+01:00); Data Center Location: [empty]. Below this is an 'Edit Project Details' link. The 'Team Members' column lists three members: Attila Kozma (AK), Zoltan Szanyi (ZS), and Réka Kovács (RK). Below this is a 'Manage Members' link. The 'Notifications' column shows a notification from Thursday, April 6, 2017 05:53 PM: 'You've been invited to a CONNECTED ProjectWise Project.' Below the main content area is a 'ProjectWise Connection Services' section with six icons. The Windows taskbar at the bottom shows various open applications including Bentley Cloud Services, Outlook, Word, Excel, and Chrome. The system tray shows the time as 18:00 on 2017.04.06.

Personal Portal - Projekt résztvevők

The screenshot displays the Bentley Project Team Management interface. A modal dialog titled "Add Team Member(s)" is open, allowing the user to add team members to a project. The dialog features a search bar labeled "Find Users" with a dropdown menu set to "Email" and a search icon. Below the search bar, a table lists the "Added Users" with columns for Name, Email, and Role. The table contains three entries: Attila Kozma (Project Manager), Zoltan Szanyi (Contributor), and Réka Kovács (Guest). A note below the table states "* = Project Role". At the bottom of the dialog, there is a text area for a "Project invite message" and two buttons: "Add User(s)" and "Cancel".

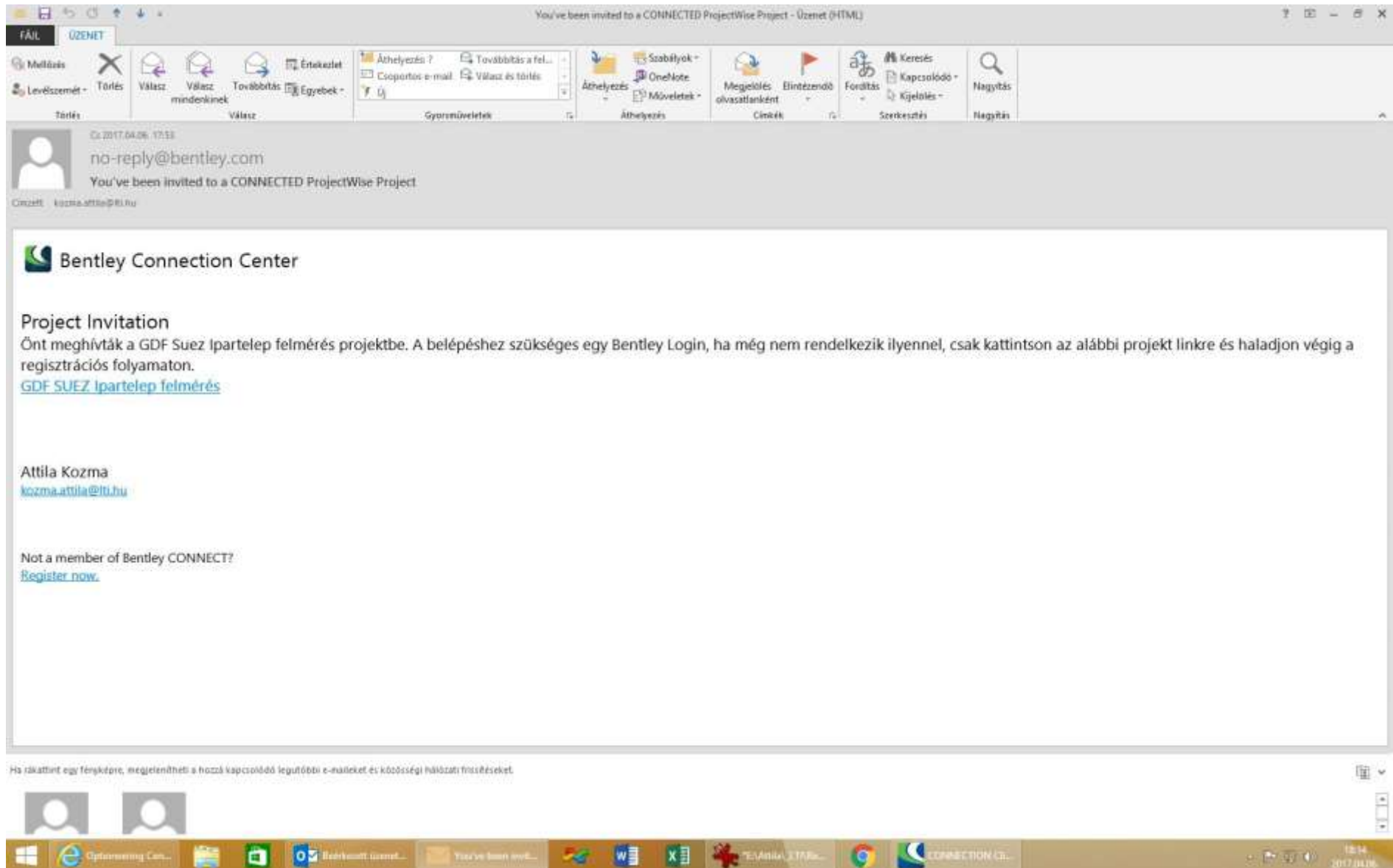
Name	Email	Role
Attila Kozma	kozma.attila@lti.hu	Project Manager
Zoltan Szanyi	szanyi.zoltan@lti.hu	Contributor
Réka Kovács	kovacs.reka@lti.hu	Guest

* = Project Role

Project invite message

Önt meghívták a GDF Suez Ipartelep felmérés projektbe. A belépéshez szükséges egy Bentley Login, ha még nem rendelkezik ilyenrel, csak kattintson az alábbi projekt linkre és haladjon végig a regisztrációs folyamaton.

Personal Portal - Projekt résztvevők meghívása



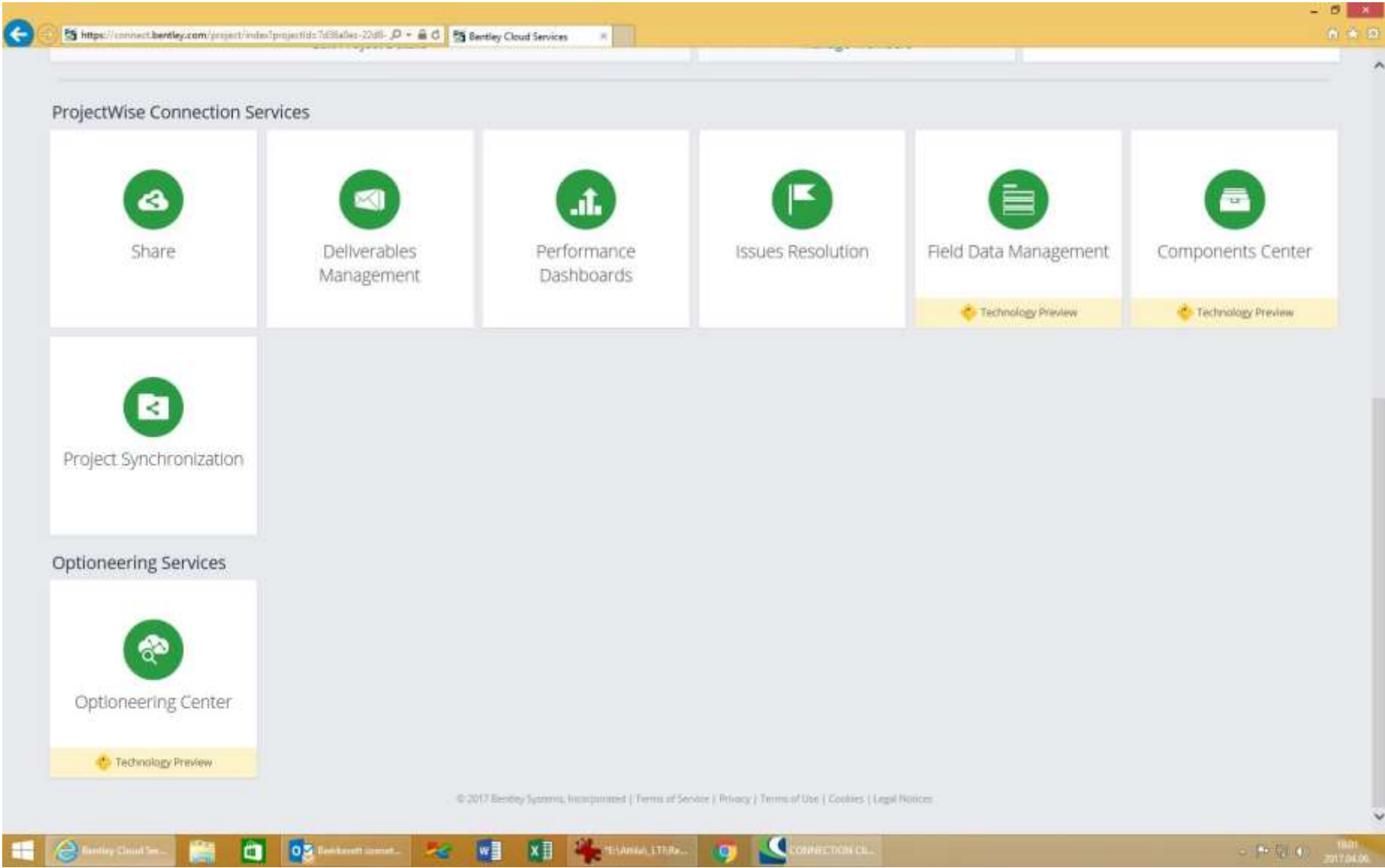
Personal Portal - Projekt résztvevők jogosultságai

The screenshot displays the Bentley Project Team Management interface. At the top, there are navigation elements including the Bentley logo, the organization name 'L-Ter Informatika Ltd.', and a project identifier '2017_Szeges_45-5698 GDF SUEZ iparfejlesztés'. Below this, the main heading is 'Project Team Management'. There are several action buttons: 'Assign Role(s)', 'Remove', 'Filter (off)', 'Search users by name or email', 'Manage Roles', and '+ Add User(s)'. The main content is a table with the following data:

<input type="checkbox"/>	Name	Email	Role	Organization	Last Sign In
<input type="checkbox"/>	Attila Kozma	kozma.attila@lti.hu	Project Manager	L-Ter Informatika Ltd.	4/6/2017 3:30:16 PM
<input type="checkbox"/>	Réka Kovács	kovacs.reka@lti.hu	Guest	L-Ter Informatika Ltd.	4/6/2017 2:14:10 PM
<input checked="" type="checkbox"/>	Zoltan Szanyi	szanyi.zoltan@lti.hu	Contributor	L-Ter Informatika Ltd.	4/4/2017 2:55:23 PM

At the bottom of the page, there is a footer with copyright information: '© 2017 Bentley Systems, Incorporated | Terms of Service | Privacy | Terms of Use | Cookies | Legal Notices'. The Windows taskbar is visible at the very bottom, showing various application icons and the system clock displaying '17:31 2017.04.06'.

Personal Portal – ProjectWise Connection Services



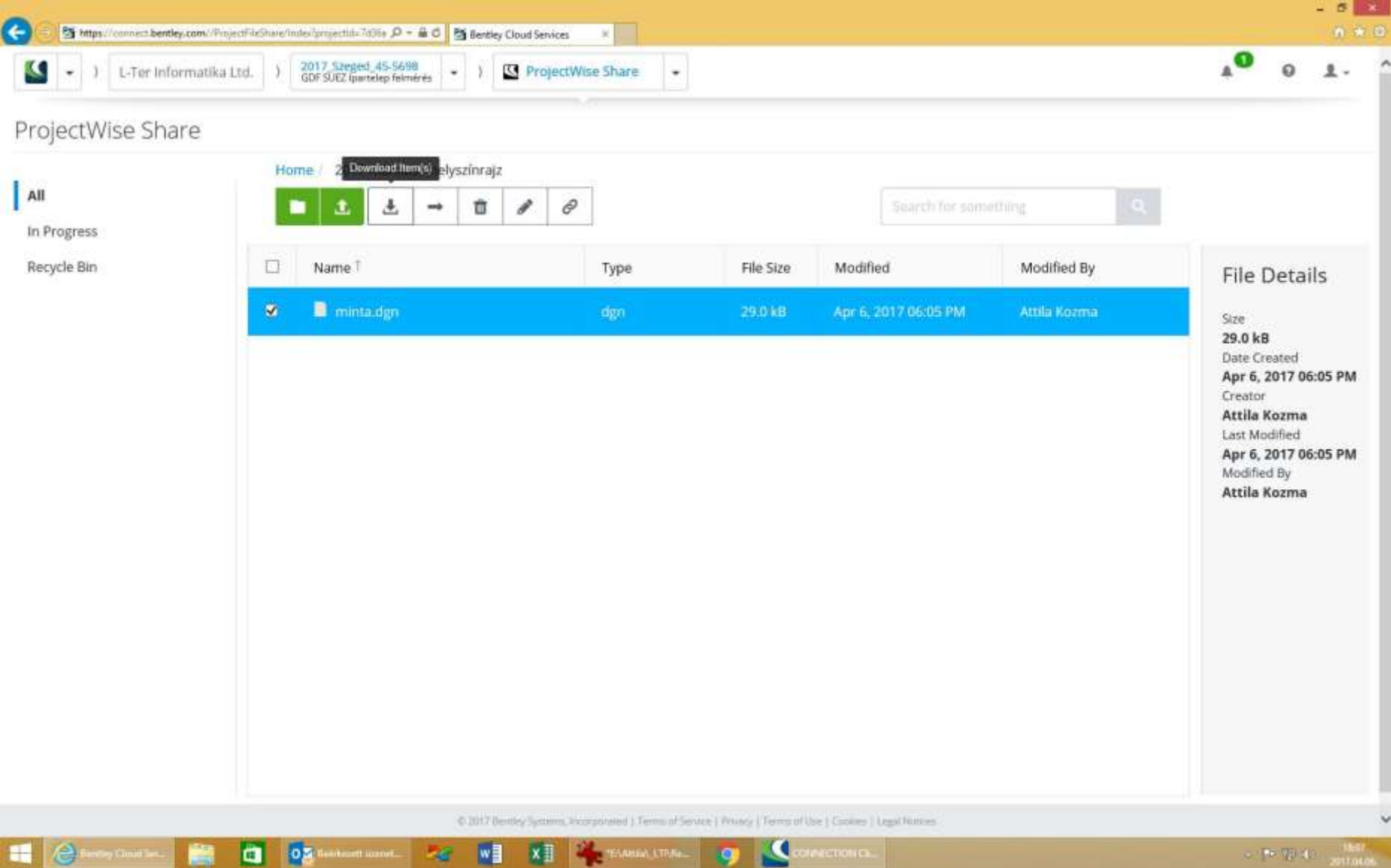
Personal Portal – ProjectWise Connection Services

The screenshot shows a web browser window with the URL <https://connect.bentley.com/ProjectFileShare/index/projectId=7636e>. The page title is "ProjectWise Share". On the left, there is a navigation menu with "All", "In Progress", and "Recycle Bin". The main content area is titled "Home" and contains a search bar with the placeholder text "Search for something". Below the search bar is a table listing files and folders.

Name ↑	Type	File Size	Modified	Modified By
2017 április - közművek	Folder		Apr 6, 2017 06:03 PM	Attila Kozma
2017 március - 3D modell	Folder		Apr 6, 2017 06:04 PM	Attila Kozma
2017 március - helyszínrajz	Folder		Apr 6, 2017 06:03 PM	Attila Kozma

At the bottom of the browser window, there is a footer with copyright information: "© 2017 Bentley Systems, Incorporated | Terms of Service | Privacy | Terms of Use | Cookies | Legal Notices". The Windows taskbar is visible at the very bottom, showing various application icons and the system clock displaying "11:06 2017.04.06".

Personal Portal – ProjectWise Connection Services



Personal Portal – ProjectWise Connection Services

Boost your performance with Analytical services licensed through a single Optioneering Visa. [Learn More.](#) [Usage Details](#)

Scenario Services [More Info](#)

Structural: STAAD.Pro

	You	Enterprise
Solutions	0	0
Runs	0	0
Users		0
Compute Time	Total (Hours:Min)	00:00
	This Q (Hours:Min)	00:00

Not opened yet

Offshore: SACS Wind Turbine

Coming Soon

RAM Structural Systems

No models uploaded from RAM Structural Systems

Personal Portal – Support

The screenshot displays the Bentley Cloud Services Personal Portal Support page. The browser address bar shows <https://connect.bentley.com/>. The page title is "Bentley Cloud Services".

Communities > Modelling and Visualization > Printing and Plotting > Visualization > Bentley Cloud and Web Services

Bentley Communities

Search

 Jerry Flynn MicroStation Comment on Solve flickering issue on LumenRT 3 mins ago	 Ian Lapper Printing and Plotting RE: Print Organiser Error - File Locked 2 hrs ago	 Jerry Flynn Visualization Comment on Solve flickering issue on LumenRT 3 mins ago
 Dblj D MicroStation RE: Where did my level filters go? 6 mins ago	 HenryEduvie Printing and Plotting RE: Print Organiser Error - File Locked 3 hrs ago	 Michael Daburn Visualization Error 32768 8 hrs ago

My Support

- Software Downloads
- License Management
- My Service Requests
- New Service Request

Featured Projects

 22 Bishopgate, London WSP Parsons Brinckerhoff uses RAM to model the tallest building	 Chacao Channel Bridge Chile's Ministry of Public Works uses RM Bridge to save time,	 The New Line, Copenhagen-Ringsted Banedanmark uses Bentley's	 Xishi Winter Olympics Square Project of Shougang Industrial Area Transformation	 Polishing System for the Mercury Abatement Tower Unipar Carbocloro uses
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Windows taskbar: Bentley Cloud Ser..., Itoedds, Outlook, Redwood licen..., W, X, Clipboard33.jpg, 19:27 2017-04-06

Personal Portal – License Management

Site Configuration Reports License Management Help

Home

Managed Site(s)

Site Name	Site ID	Activation Key
L-Ter Informabika Ltd.	4027850	[REDACTED]

Page size: 10 | Displaying page 1 of 1, items 1 to 1 of 1.

Last 5 Postings

Computer Name	Date
devomax-pc	2017.04.06. 12:48
agreementsvcrest	2017.04.06. 5:46
asus-pc-1	2017.04.06. 5:10
reka	2017.04.06. 4:09
asus-pc-2	2017.04.06. 2:27

Usage Records Posted

Indicator	Value
Usages Reported Today	14
Usages Reported Yesterday	10
Total Usages Reported	2138

Message Center

DELETE

<input checked="" type="checkbox"/>	Type	Title	Date	Message
No records to display.				

Personal Portal – License Management

The screenshot displays the 'View License File' page in the Bentley SELECTserver Personal Portal. The interface includes a navigation menu with 'Site Configuration', 'Reports', 'License Management', and 'Help'. The current page title is 'License File', and the viewing site is identified as 'L-Ter Informatika Ltd. (4027850)'.

Site Properties:

Site Name	L-Ter Informatika Ltd.	ID	[REDACTED]
Activation Key	[REDACTED]	# of Applications	691
License Mode	ELS	License Type	Non-Commercial

Temporary Activation Keys:

Description	Activation Key	Expires On	App Restrictions
Narbi	TR_80C11E7C6A2D1722B6F2906204A14	2015-12-31-00:00	5--Restrictions
openplant2016	TR_82B0AE037F6D14E8B97A2B3132B473	2016-12-31-00:00	No-Restrictions

Applications:

ID	Application	Feature String	Usages	Expires
2452*	Acute3D Viewer*		Unlimited	2017.05.30.
1934	AECOsim Building Designer		Unlimited	2017.05.30.
1893	AECOsim Energy Simulator		Unlimited	2017.05.30.
2205	APM Implementation and Performance Management		Unlimited	2017.05.30.
1501	ArCon-Plug-in for the Bentley speedikon product line		Unlimited	2017.05.30.
2377	AssetWise APM Asset Health Monitoring		Unlimited	2017.05.30.
2384	AssetWise APM Ivara EAM		Unlimited	2017.05.30.
2378	AssetWise APM ODC Connector		Unlimited	2017.05.30.
2373	AssetWise APM Strategy Development		Unlimited	2017.05.30.
1907	AssetWise CDE Print Services		Unlimited	2017.05.30.
1908	AssetWise CDE Rendition Services		Unlimited	2017.05.30.
1003	AssetWise CDE Transmittal Services		Unlimited	2017.05.30.

Personal Portal – License Management

The screenshot displays the Bentley SELECTserver interface for License Management. The main content area shows two reports: 'Bentley CONNECT Agreement Service' and 'Bentley CONNECT Web Interface'. Each report includes a table with columns for Year, Month, User Name, Duration, Checkouts, Total Usage, Machines, and % of Usage. The Agreement Service report shows usage for three users (kovacs.reka@iti.hu, kozma.attila@iti.hu, szanyi.zoltan@iti.hu) in March 2017, with a total duration of 00:40. The Web Interface report shows usage for one user (kovacs.reka@iti.hu) in March 2017, with a total duration of 00:08.

Report Parameters: 1 of 3 | Export to the selected format | Export

Bentley CONNECT Agreement Service

Totals	Year	Month	User Name	Duration (dd:HH:mm)	Checkouts (dd:HH:mm)	Total Usage (dd:HH:mm)	Machines	% of Usage
Application Total:								
			3 User(s)	00:40	00:00	00:40		
L-Ter Informatika Ltd. (4027850)								
	2017	3	kovacs.reka@iti.hu	00:08	00:00	00:08	1	20,00%
	2017	3	kozma.attila@iti.hu	00:16	00:00	00:16	1	40,00%
	2017	3	szanyi.zoltan@iti.hu	00:08	00:00	00:08	1	20,00%
Monthly Total	2017	3	3 User(s)	00:32	00:00	00:32		
	2017	4	kozma.attila@iti.hu	00:04	00:00	00:04	1	50,00%
	2017	4	szanyi.zoltan@iti.hu	00:04	00:00	00:04	1	50,00%
Monthly Total	2017	4	2 User(s)	00:08	00:00	00:08		
Site Total:			3 User(s)	00:40	00:00	00:40		

Bentley CONNECT Web Interface

Totals	Year	Month	User Name	Duration (dd:HH:mm)	Checkouts (dd:HH:mm)	Total Usage (dd:HH:mm)	Machines	% of Usage
Application Total:								
			1 User(s)	00:08	00:00	00:08		
L-Ter Informatika Ltd. (4027850)								
	2017	3	kovacs.reka@iti.hu	00:08	00:00	00:08	1	50,00%
Monthly Total	2017	3	1 User(s)	00:08	00:00	00:08		
Site Total:			1 User(s)	00:08	00:00	00:08		

Enterprise Portal – Vállalati adatok

The screenshot displays the Bentley Enterprise Portal interface. At the top, the browser address bar shows the URL <https://connect.bentley.com/Enterprise>. The user is logged in as 'L-Ter Informatika Ltd.' and is viewing 'Recent Projects'. The main dashboard is titled 'Enterprise Portal' and includes navigation tabs for 'Week', 'Month', 'Quarter', and 'All'. Below this, there are tabs for 'Favorites' and 'All', and further down, 'Applications' and 'Users'.

The 'Project Activity' section features a map of Budapest with a pie chart overlay. A callout box for 'Zoltan Szanyi (96 hours)' is visible. Below the map, it says 'View the total effort at each site and the contributions of individual project participants for the selected project filter.' and includes a 'View Report' button.

The 'Most Active Users' section shows a list of users with their total hours:

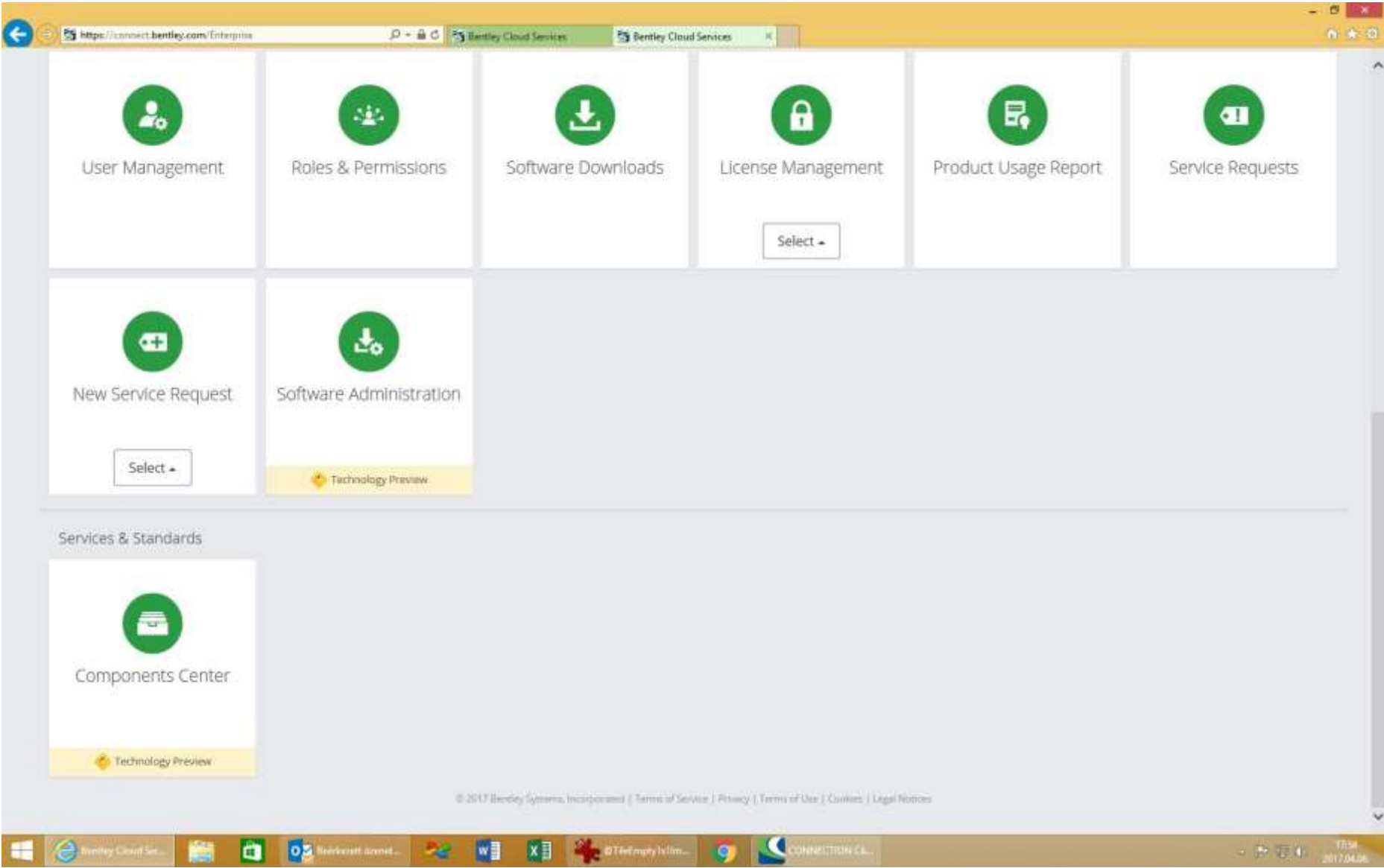
User Name	Hours
László Bokor	152
Zoltan Szanyi	96
Réka Kovács	86
Attila Kozma	47
Attila Kozma	25

The 'Most Used Applications' section shows a list of applications with their total hours:

Application Name	Hours
MicroStation	206
ContextCapture	61
Subsurface Utilities Design...	43
Power InRoads	41
ProjectWise Issues Resoluti...	21

At the bottom, the 'Support Service & Administration Resources' section contains six icons representing different services: user management, group management, file management, security, help, and reporting.

Enterprise Portal – Vállalati adatok



Bentley Connect LEARNservices - Connect Advisor

The screenshot displays the Bentley Connect LEARNservices interface. At the top, a browser window shows the URL <https://connect.bentley.com/> and the user is logged in as 'L-Ter Informatika Ltd.'. The main content area is titled 'CONNECTION Center' and features a central banner for 'Adaptive Learning Services with the CONNECT Advisor' with a 'Download' button. To the right of the banner is a vertical menu with options: 'Learn Now', 'Learning Certificates', 'Learning Paths', 'Active Learning', and 'Register for Learning'. Below the banner, there are tabs for 'My Activity' (with sub-tabs for 'Week', 'Month', 'Quarter', 'All', 'Projects', and 'Applications') and 'Personal Share'. The 'My Activity' section shows 'No Activity Recorded' with a 'View Report' button. The 'Personal Share' section includes a 'Publish' instruction and a 'Learn more...' link. On the right side, there is a 'ProjectWise Projects' section with a search bar and a project listing for '2017_Szeged_45-569# GDF SUEZ Ipartelep felmérés'. Below that is a calendar for 'APRIL, 2017' with the 6th highlighted. An 'Upcoming Events' section lists several events, including webinars and seminars, with a 'View All' button. The bottom of the interface shows a breadcrumb trail: 'Communities > Modelling and Visualization > Printing and Plotting > Visualization > Bentley Cloud and Web Services' and an 'EDIT' button. The Windows taskbar at the bottom shows various open applications and the system clock indicating 18:29 on 2017.04.06.

Bentley Connect LEARNservices - Certificates

The screenshot shows the Bentley Connect LEARNservices interface. At the top, the browser address bar displays <https://connect.bentley.com/> and the user is logged in as 'L-Ter Informatika Ltd.'. The main header is 'CONNECTION Center'. On the left, a navigation menu includes 'Learn Now', 'Learning Certificates' (highlighted), 'Learning Paths', 'Active Learning', and 'Register for Learning'. Below this menu, a section titled 'My Activity' shows 'No Activity Recorded' with a 'View Report' button. The right side of the interface features a 'ProjectWise Projects' section with a search bar and a '+', a calendar for 'APRIL, 2017' with the 6th highlighted, and an 'Upcoming Events' section listing several webinars and seminars for the day. A 'Personal Share' section at the bottom right encourages publishing I-models and PDFs, with a 'Learn more...' link. The Windows taskbar at the bottom shows various open applications including Bentley Cloud Services, Microsoft Office, and the CONNECTION CL... application.

Bentley Connect LEARNservices - Certificates

Bentley Hello, Attila Log off

Transcript for Attila Kozma

Every course you complete is recorded to your online transcript. Use it to track your professional growth over time, print Certificates of Completion, and self-report your learning efforts to maintain your credentials.

[Email Transcript](#) [Print Transcript](#)

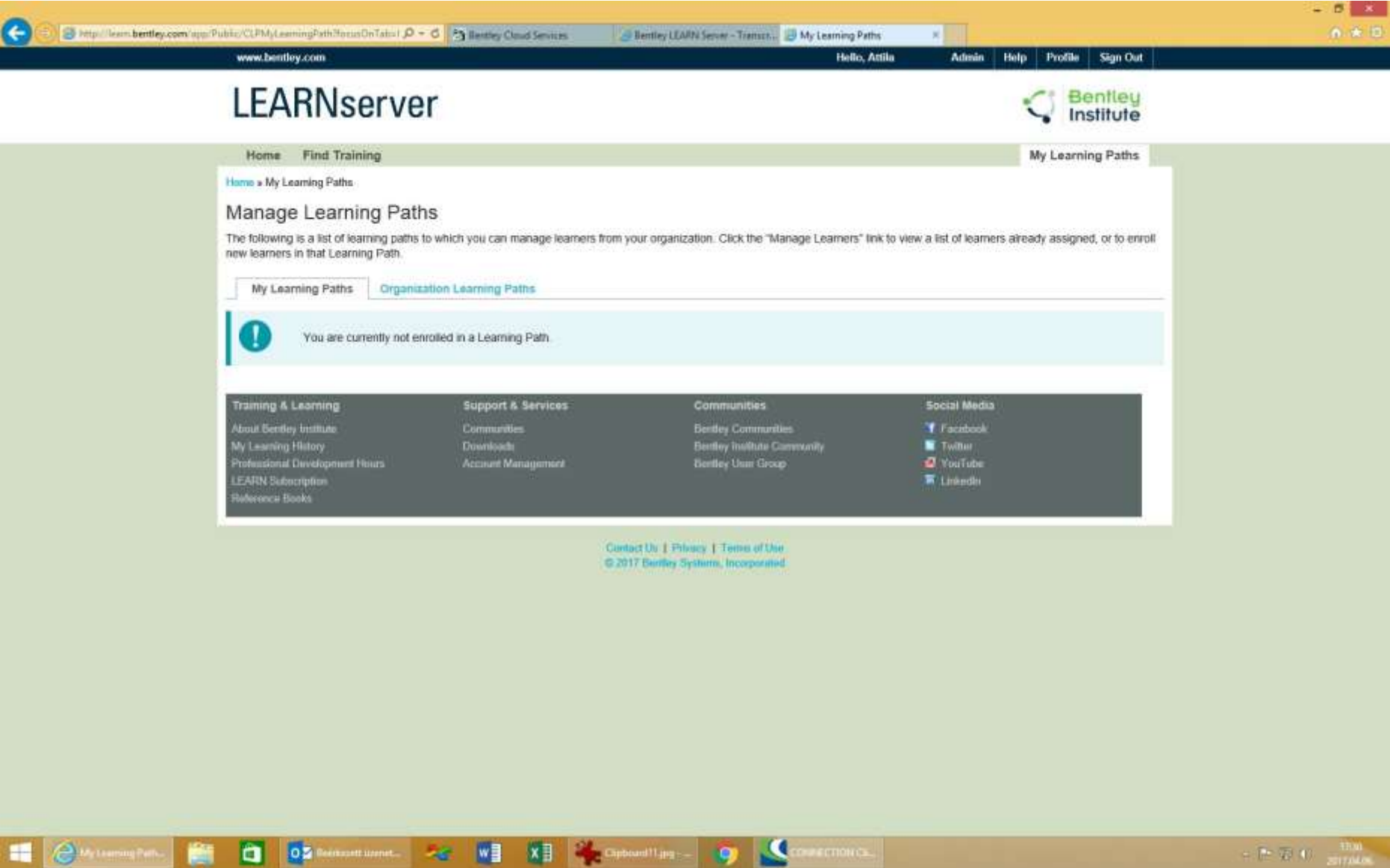
<input checked="" type="checkbox"/>	Course	Delivery Type	LU	IACET	GISCI	Completion Date(s)	
<input checked="" type="checkbox"/>	Be Empowered – Pointools V8i Launch	Live	1			Jul 1, 2013	
<input checked="" type="checkbox"/>	Be Empowered - Descartes	OnDemand	1			Feb 6, 2013	
<input checked="" type="checkbox"/>	Be Empowered - PowerCivil	Live	1			Dec 3, 2012	
<input checked="" type="checkbox"/>	Be Empowered - Marketing A.M.	OnDemand	1			Apr 3, 2012	
<input checked="" type="checkbox"/>	Image Editing V8i en SELECTseries 2	OnDemand	2			Oct 18, 2011	
<input checked="" type="checkbox"/>	MX Road Design, V8i (International) (Metric) Express V8i en	Live	16			Jun 8, 2011 - Jun 9, 2011	
<input checked="" type="checkbox"/>	Passport Subscriptions Sales Overview	OnDemand	1			Feb 15, 2010	
<input checked="" type="checkbox"/>	Passport Subscriptions Sales Fulfillment	OnDemand	1			Feb 15, 2010	
<input checked="" type="checkbox"/>	2010 - Our Strategic Initiatives	OnDemand	1			Jan 21, 2010	
<input checked="" type="checkbox"/>	An Introduction to Bentley Expert Designer Gas V8i Other en	OnDemand	1			Nov 17, 2009	
<input checked="" type="checkbox"/>	Bentley's Desktop GIS for Utilities - an Update for the V8i Release Covering Bentley Electric V8i, Bentley Gas V8i, Bentley Water V8i and Bentley Wastewater V8i. Other en	OnDemand	1			Nov 17, 2009	
<input checked="" type="checkbox"/>	Implementing Intelligent Substation Engineering Other en	OnDemand	1			Nov 4, 2009	
<input checked="" type="checkbox"/>	Bentley Cadastre V8i Update Other en	OnDemand	1			Oct 29, 2009	
<input checked="" type="checkbox"/>	An Introduction to Bentley Geo Web Solutions V8i Other en	OnDemand	1			Oct 28, 2009	

Bentley Connect LEARNservices – Learning Paths

The screenshot shows the Bentley Connect LEARNservices interface. At the top, the browser address bar displays <https://connect.bentley.com/>. The user is logged in as 'L-Ter Informatika Ltd.'. The main header is 'CONNECTION Center'. The interface is divided into several sections:

- Learning Paths Section:** Features a large image of a person walking up stairs with the text 'Product or discipline-specific training to improve your skillset.' and a 'View All' button. A vertical menu on the right includes 'Learn Now', 'Learning Certificates', 'Learning Paths' (highlighted in blue), 'Active Learning', and 'Register for Learning'.
- ProjectWise Projects Section:** Contains a search bar and a '+', with the text 'Click here to find your company's projects.'
- Calendar Section:** Displays a calendar for 'APRIL, 2017'. The date '6' is highlighted. Below the calendar is the 'Upcoming Events' section, showing a list of events for 'Today' (Showing 5 of 5):
 - 7:00 AM Webinar: Integrated Infrastructure Lifecycle for Airports
 - 9:00 AM Seminar: Digital Airport Symposium 2017
 - 9:00 AM Webinar: Bentley网络讲座 : OpenRoads在公路行业从概念到施工
 - 1:00 PM Webinar: SIG Workshop: ProStructures for Germany - April
 - 7:00 PM Webinar: SIG Workshop: ProStructures - 2D Rebar Tool Settings and Variable Bar Marking in ProConcrete
- My Activity Section:** Includes filters for 'Week', 'Month', 'Quarter', and 'All'. Below these are 'Projects' and 'Applications' tabs. The main area displays 'No Activity Recorded' and a 'View Report' button.
- Personal Share Section:** Features a search bar and 'More' button, with the text 'Publish I-models and PDFs from your application, then access them on any of your devices or share them with others.' and a 'Learn more...' link.

Bentley Connect LEARNservices – Learning Paths



Bentley Connect LEARNservices – LEARNserver

The screenshot shows the Bentley LEARNserver web application interface. At the top, there is a navigation bar with the URL <http://learn.bentley.com/app/Public> and user information: "Hello, Attila", "Admin", "Help", "Profile", and "Sign Out". The main header features the "LEARNserver" logo and the Bentley Institute logo. Below the header is a large banner with the text "LEARNserver" and "Find Training | Access Courses | Manage Learning", accompanied by a "TAKE TOUR" button. A "Find Training" button is also visible. The main content area includes a "Welcome!" message, a paragraph describing the platform as Bentley Institute's central access point for managing skills improvement and product training online, and a question: "Since this is your first visit, would you like a brief overview of the Bentley LEARNserver?". Below this message are three buttons: "Take Tour", "Not Now", and "Don't Show Again". To the right, there is a "News" section with several entries, including "Instructor led courses from April 3 to April 30" and "Instructor led courses from March 28 to April 30". The bottom of the screen shows a Windows taskbar with various application icons and the system clock displaying "11:31 2017.04.06".

Bentley Connect LEARNservices – LEARNserver

The screenshot shows the Bentley LEARNserver interface. At the top, there's a navigation bar with the Bentley logo and user information. The main content area is titled 'Find Training' and includes a search bar and a list of product lines. A dropdown menu for 'ContextCapture' is open, showing a list of products. The 'Getting Started' section provides instructions on how to use the training paths.

Find Training

All training courses are presented in learning paths. Learning paths provide the recommended sequences of courses for your products, solutions, or role to optimize your training experience. Use the learning paths to find live training and on-demand training, view course descriptions, and register.

Getting Started

To find training courses, search by product name or choose a product line on the left.

- Search by product name to view the recommended learning path(s) for that product.
- Choose a product line to view the recommended learning paths for all products in that line or hover over the product line to see all of the products in that line. Select an individual product to view its learning paths.

In addition, you can narrow your learning path results by language and product generation.

For each learning path, you can:

- **View** the recommended training offerings and register for upcoming live training or launch on-demand courses.*
- **Add** the learning path to your account as a ready-made training plan for mastering your Bentley products.
- **Personalize** the learning path to include just the live and on-demand training options that best meet your skill development needs.
- **Share** the learning path with your colleagues.

Products to access many of the on-demand courses.

Product Line:

- AECOsim
- Amulet
- AssetWise
- AssetWise APM
- AutoPIPE
- AutoPLANT
- AXSYS
- Bentley Cloud Services
- ConstructSim
- ContextCapture
- Descartes
- elcoCAD
- Exor
- GEO5
- GEOPAK
- gINT
- Haestad
- Hevacomp
- I-model
- InRoads
- InspectTech

ContextCapture Products:

- Acute3D Viewer
- ContextCapture
- ContextCapture Center
- ContextCapture Cloud Service
- ContextCapture Light
- ContextCapture Standard

Bentley Connect LEARNservices – LEARNserver

The screenshot shows the Bentley LEARNserver web application. The browser address bar displays the URL: <http://learn.bentley.com/app/Public/BrowseLearningPaths/productfield>. The page header includes the Bentley logo and the text "Bentley Institute". The main navigation bar contains "Home" and "Find Training" tabs, along with a "My Learning Paths" section. The "Find Training" section is active, showing a search interface with a text input field for "Enter Product Name", a "Product Line" dropdown menu (currently showing "ContextCapture"), and a "RESET FILTER" button. Below the search filters, there are three learning path cards:

- Context Capture** (Other - English - Fundamental): Context Capture courses. Includes buttons for View, Add, and Personalize.
- Reality Modeling Special Interest Group** (Other - English - Fundamental): This learning path provides On-Demand videos of topics covered during Reality Modeling Special Interest Group (SIG) meetings. To see a schedule of upcoming live SIGs, go to www.Bentley.com and select... More >
- Reality Modeling** (Other - English - Intermediate): This learning path contains courses for you to learn all about ContextCapture, Acute 3D, and 3mx files. You will learn how to create 3mx files in ContextCapture and how to use them in MicroStation bas... More >

The footer contains navigation links for "Training & Learning", "Support & Services", "Communities", and "Social Media". The Windows taskbar at the bottom shows several open applications, including "Find Training - int...", "Bentley Connect...", "EVolve_LTR...", and "CONNECTIONS...". The system tray shows the date and time as 11:34 AM on 2017.04.06.

Bentley Connect LEARNservices – LEARNserver

The screenshot displays the Bentley LEARNserver interface. At the top, the browser address bar shows the URL <http://learn.bentley.com/app/Public/ViewLearningPathDetails?lpid=1112>. The page header includes the Bentley logo and the text "Bentley Institute". The main content area is titled "LEARNserver" and "Context Capture Learning Path". Below the title, there are navigation tabs for "Home" and "Find Training", and a "My Learning Paths" section. The page content includes a description of the learning path, a list of courses, and a table of training offerings. The table has columns for Title, Language, Generation, Release Detail, Type, Duration, Status, and Launch. The first course listed is "QuickStart Using ContextCapture", which is a hands-on training session.

Context Capture Learning Path
Context Capture courses.

Courses
Information about courses in this learning path is provided below. Click on Find Training to view all of the available offerings and their descriptions. Select a language, type of training, and/or product generation on the left to narrow your results. If you are interested in a live training class, submit a service request, including the timeframe: either next month, or in the next 3 months.

QuickStart Using ContextCapture
This hands-on training introduces you to ContextCapture and how to create 3D models and meshes from standard imagery. You will learn how to submit images for processing, to add control points to Geolo... [More»](#)

Title	Language	Generation	Release Detail	Type	Duration	Status	Launch
QuickStart Using ContextCapture	English	Other	Base Release				
Introduction and User Interface				Lecture	2m	FREE	+
Process Photos and Create the 3D Model				Lecture	6m	FREE	+
Acute3D Viewer				Lecture	2m	FREE	+
Adding Control Points to Geolocate a Project				Lecture	9m	FREE	+
Measurements in Acute3D				Lecture	4m	FREE	+
QuickStart Using ContextCapture Practice Workbook and Dataset				Hands-on	1h	Free Download	+

Bentley Connect LEARNservices – LEARNserver

The screenshot displays the Bentley LEARNserver web application. The main content area shows the 'Context Capture Learning Path' with a list of courses. A modal window is open over the course 'Process Photos and Create the 3D Model (Base Release)'. The modal provides details about the course, including skills taught, prerequisites, and material language.

Process Photos and Create the 3D Model (Base Release)

In this video, you will learn to Import images and submit them for Aerotriangulation. You will also have a discussion of the ContextCapture Engine and its role.

Skills Taught	<ul style="list-style-type: none">• How to select and import images to process into a 3D mesh.• How to submit those images for Aerotriangulation.
Course Prerequisites	None
Course Material Language	English

RESET FILTER

Course Title	Language	Type	Release Detail	Duration	Status	Launch
Introduction and User Interface	English	On-Demand	Base Release	Lecture 2m	FREE	+
Process Photos and Create the 3D Model	English	On-Demand	Base Release	Lecture 6m	FREE	+
Acute3D Viewer	English	On-Demand	Base Release	Lecture 2m	FREE	+
Adding Control Points to Geolocate a Project	English	On-Demand	Base Release	Lecture 9m	FREE	+
Measurements in Acute3D	English	On-Demand	Base Release	Lecture 4m	FREE	+
QuickStart Using ContextCapture Practice Workbook and Dataset	English	Hands-on	Base Release	1h	File Download	+

Bentley Connect LEARNservices – LEARNserver

The screenshot displays the Bentley LEARNserver web application. At the top, the browser address bar shows the URL <https://learn.bentley.com/app/VideoPlayer/LinkToIndividualCourse/Learn...>. The page header includes the Bentley logo and the text "Bentley Institute". The main content area features a navigation bar with "Home" and "Find Training" tabs, and a "My Learning Paths" link. Below the navigation, a breadcrumb trail reads "Home > Find Training > View Learning Path > View Course". The course title is "Process Photos and Create the 3D Model". A description follows: "Description: In this video, you will learn to import images and submit them for Aerotriangulation. You will also have a discussion of the ContextCapture Engine and its role." A video player is embedded in the center, showing a 3D model of a building structure with a camera path. The video player includes a progress bar and a timestamp of 03:14. Below the video, it indicates "107 Views" and provides a "Send to the LEARN app" button along with social media sharing icons. The Windows taskbar is visible at the bottom of the screenshot.

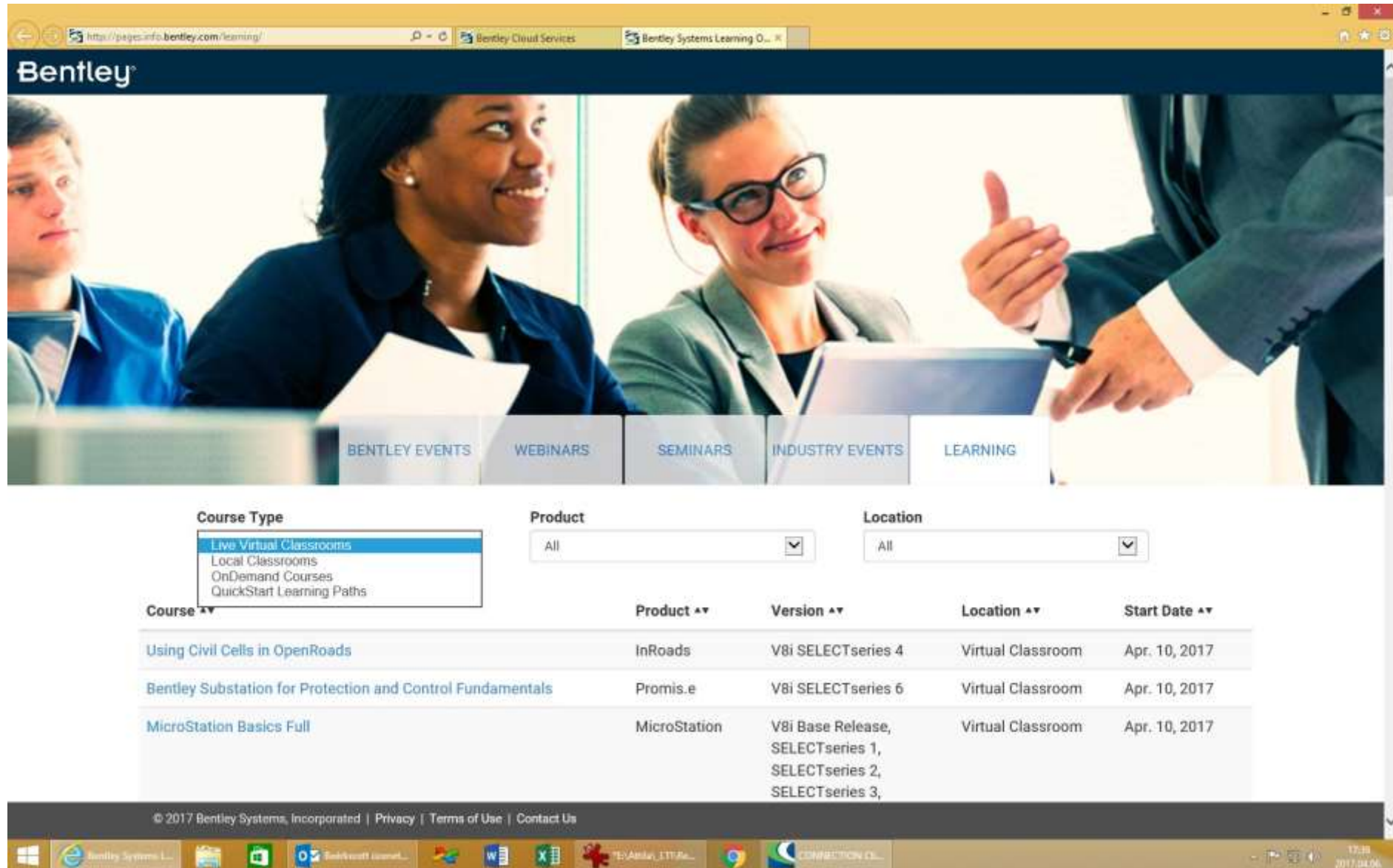
Bentley Connect LEARNservices – LEARNserver

The screenshot displays the Bentley Connect LEARNservices web application interface. At the top, the browser address bar shows the URL <https://connect.bentley.com/>. The user is logged in as 'L-Ter Informatika Ltd.'. The main header is 'CONNECTION Center'. The dashboard is divided into several sections:

- Learning Resources:** A large banner on the left promotes live instructor-led training. Below it are buttons for 'Learn Now', 'Learning Certificates', 'Learning Paths', 'Active Learning', and 'Register for Learning'. A 'View All' button is also present.
- Project Management:** A section titled 'ProjectWise Projects' contains a search bar and a '+', along with a link: 'Click here to find your company's projects.'
- Calendar:** A calendar for 'APRIL, 2017' is shown, with the 6th of April highlighted.
- Upcoming Events:** A list of events for 'Today' (Showing 5 of 5):
 - 7:00 AM Webinar: Integrated Infrastructure Lifecycle for Airports
 - 9:00 AM Seminar: Digital Airport Symposium 2017
 - 9:00 AM Webinar: Bentley网络讲座 - OpenRoads支持公路行业从概念到施工
 - 1:00 PM Webinar: SiG Workshop: ProStructures for Germany - April
 - 7:00 PM Webinar: SiG Workshop: ProStructures - 2D Rebar Tool Settings and Variable Bar Marking in ProConcreteA 'View All' button is located at the bottom of this section.
- Personal Share:** A section titled 'Personal Share' with a search bar and 'More' button. It contains the text: 'Publish I-models and PDFs from your application, then **access** them on any of your devices or **share** them with others.' and a 'Learn more...' link.
- My Activity:** A section with tabs for 'Week', 'Month', 'Quarter', and 'All'. Below these are tabs for 'Projects' and 'Applications'. The main content area displays 'No Activity Recorded' and a 'View Report' button.

The Windows taskbar at the bottom shows several open applications, including Bentley Cloud Services, Microsoft Office, and the CONNECTION CL... application.

Bentley Connect LEARNservices – LEARNserver



The screenshot shows the Bentley LEARNserver website interface. At the top, there is a navigation menu with the following items: BENTLEY EVENTS, WEBINARS, SEMINARS, INDUSTRY EVENTS, and LEARNING. Below the navigation menu, there are three filter dropdowns: Course Type, Product, and Location. The Course Type dropdown is open, showing options: Live Virtual Classrooms (selected), Local Classrooms, OnDemand Courses, and QuickStart Learning Paths. The Product and Location dropdowns are set to 'All'. Below the filters is a table of courses.

Course	Product	Version	Location	Start Date
Using Civil Cells in OpenRoads	InRoads	V8i SELECTseries 4	Virtual Classroom	Apr. 10, 2017
Bentley Substation for Protection and Control Fundamentals	Promis.e	V8i SELECTseries 6	Virtual Classroom	Apr. 10, 2017
MicroStation Basics Full	MicroStation	V8i Base Release, SELECTseries 1, SELECTseries 2, SELECTseries 3,	Virtual Classroom	Apr. 10, 2017

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Bentley Connect LEARNservices – LEARNserver

Course Title	Platform	Software Versions	Delivery Method	Date
		SELECTseries 2, SELECTseries 3, SELECTseries 4		
Defining End Conditions	InRoads	V8i SELECTseries 4	Virtual Classroom	Apr. 10, 2017
Survey Fundamentals Full	InRoads	V8i SELECTseries 3, SELECTseries 4	Virtual Classroom	Apr. 11, 2017
Assigning Properties to Structural Geometry	STAAD	V8i SELECTseries 6	Virtual Classroom	Apr. 11, 2017
QuickStart for Roadway Modeling Using OpenRoads Technology	InRoads	V8i SELECTseries 4	Virtual Classroom	Apr. 12, 2017
Assigning Properties to Structural Elements	RAM	V8i SELECTseries 6	Virtual Classroom	Apr. 12, 2017
Modeling Lateral Systems	RAM	V8i SELECTseries 6	Virtual Classroom	Apr. 12, 2017
QuickStart for MicroStation CONNECT Edition for Existing Users	MicroStation	CONNECT Edition Base Release, Update 1, Update 2, Update 3, Update 4	Virtual Classroom	Apr. 13, 2017
Defining a Model	RAM	V8i SELECTseries 7	Virtual Classroom	Apr. 13, 2017
Bentley Substation for Protection and Controls Symbol Creation V8i SS7	Promis.e	V8i SELECTseries 7	Virtual Classroom	Apr. 13, 2017
Generating Design Strips	RAM	V8i SELECTseries 7	Virtual Classroom	Apr. 13, 2017
Intersection Modeling: Creating the Model	InRoads	V8i SELECTseries 4	Virtual Classroom	Apr. 17, 2017
Bentley Substation for Protection and Control Design Advanced	Promis.e	V8i SELECTseries 4	Virtual Classroom	Apr. 17, 2017
Intersection Modeling: Defining 2D Geometry	InRoads	V8i SELECTseries 4	Virtual Classroom	Apr. 17, 2017
MicroStation CONNECT Edition Basics for Building Designers FULL	MicroStation	CONNECT Edition Base Release, Update 1, Update 2, Update 3,	Virtual Classroom	Apr. 17, 2017

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Bentley Connect LEARNservices – LEARNserver

The screenshot displays the Bentley Connect LEARNservices interface. At the top, there are browser tabs for 'Bentley Cloud Services' and 'View Live Training Schedule'. The main content area features a list of topics for a course, including 'Branding a design file', 'Navigating the ribbon interface', 'Using the Backstage', 'Property Driven Annotation', 'Incorporating the Explorer', 'Using Annotative Hatching', 'Applying Display Rules', 'Drawing and Named Boundaries', 'Sheet Indexing', 'Using the Reports tools', and 'Creating Tables'. Below this, the 'Course Prerequisites' are listed as 'A basic understanding of MicroStation', the 'Course Material Language' is 'English', and the 'Accreditations' include 'IACET'. A 'Country' dropdown menu is set to 'All Countries'. The 'Virtual Classroom' section explains that live training courses are delivered online by Bentley experts. A table lists available courses, with one course for the US starting on 13 Apr 2017, lasting 3 hours, and priced at HUF 20887.50 FREE. The footer contains navigation links for 'Training & Learning', 'Support & Services', 'Communities', and 'Social Media', along with copyright information for Bentley Systems, Incorporated.

Country	Start/End Date (dd/mm/yyyy)	Start/End Time (hh:mm)	Time Zone	Length	Instructor	Price	Register
US	13 Apr 2017 13 Apr 2017	02:00 PM 07:00 PM	Közép-európai nyári idő	3 hrs	Dirk Boonstra	HUF 20887.50 FREE	Register Register Multiple Users

Bentley Academic SELECT

- Átfogó szoftver portfólió oktatási intézmények részére
- Több mint 50 szakági alkalmazás
- Teljes körű SELECT szolgáltatás
- Ingyenesen alkalmazható oktatási anyagok
- STUDENTserver (www.bentley.com)
- BME oktatási együttműködés
- Bentley Educational Day: **2017.09.20.**

Bentley Academic SELECT - Szakterületek

- Hídtervezés
- Építészet, épülettervezés
- Építőmérnöki tervezés (út, vasút, geotechnika)
- Vízépítés és Vízi közmű (hidrológia, hidraulika)
- Térinformatika (térképezés, geodézia)
- Bányatervezés
- 2D/3D műszaki dokumentálás és megjelenítés
- Offshore szerkezettervezés (tengeri úszóplatformok)
- Üzemtervezés (modellezés, PID, izometria, csőstatika)
- Projekt adatmenedzsment
- Valóság modellezés (pontfelhő, hálómodell, fotogrammetria)
- Szerkezettervezés (acél, beton, fa)

Köszönöm a figyelmet!

Kozma Attila

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