**What's new in Dynamics 365 Business Central telemetry – January 2024**

It is January and it has been a month since the last newsletter. Personally, I have not spent many cycles on telemetry (and other work-related topics) as I have been on a long holiday.

Anyway, the intention of these monthly newsletters is to try to gather everything that I know and learn about this area and present it here. Let’s go…

In the January 2023 edition, read about these things:

* Documentation updates
* Tips and Tricks
* New blogs and videos

# Documentation updates

Business Central telemetry documentation now includes short videos with guidance.

How to enable telemetry (2 videos)

<https://learn.microsoft.com/en-us/dynamics365/business-central/dev-itpro/administration/telemetry-enable-application-insights>

Controlling Telemetry Cost (1 video)

<https://learn.microsoft.com/en-us/dynamics365/business-central/dev-itpro/administration/telemetry-control-cost>

Analyze and Monitor Telemetry with Power BI (2 videos)

<https://learn.microsoft.com/en-us/dynamics365/business-central/dev-itpro/administration/telemetry-power-bi-app>

# Tips and tricks

**Powerpoint decks for you to present on telemetry**

I was asked by someone at Directions EMEA 2023 if they could get a copy of the BCLE deck for "What’s new in Telemetry in 2023w2". In case others can use it for any presentation (internal or external event), a cleaned-up version is now available here:

<https://github.com/microsoft/BCTech/tree/master/samples/AppInsights/Presentations/decks>

The BCTech repo has many more Powerpoint decks on this topic, e.g.

* Sales: Base follow-up meetings with customers on data to provide more value
* Projects: Get more data-driven before/during/after go-live.
* Product owners (ISV): Learn about your customers and users, how they use your app, which errors they get, and customer growth/churn.
* Strategic usage of telemetry for partners. Learn how we use telemetry (we have just enabled it) all over your partner practice. This deck is built around the Telemetry Maturity Model.
* Introduce telemetry to your organization.
* Trainers: Help partners/colleagues get more data-driven with telemetry.

Check out BCTech to see if there is a deck that resonates with you:

<https://github.com/microsoft/BCTech/tree/master/samples/AppInsights/Presentations#what-power-point-presentations-are-available>

**Integrate Microsoft Entra/AAD logs with Azure Monitor logs**

Before Business Central online logs authorization attempts to telemetry, a successful authentication (login) must happen against Microsoft Entra/AAD. If you want to track/monitor/alert on (successful and failed) login attempts against Microsoft Entra/AAD, you can configure integration to Azure Monitor on Microsoft Entra/AAD.

For more information, see <https://learn.microsoft.com/en-us/entra/identity/monitoring-health/howto-access-activity-logs#integrate-logs-with-azure-monitor-logs>

# Blog posts and videos

Microsoft MCT and performance expert Duilio Tacconi blogged about *A new cue in 23.1: love song for a vampire* (troubleshooting a performance case with telemetry in this blog post: <https://duiliotacconi.com/2023/12/12/a-new-cue-in-23-1-love-song-for-a-vampire/>

The latest *Dynamics Corner* podcast, *Episode 246: In the Dynamics Corner Chair: A Tale of Telemetry and Two Lists* features Eric "Waldo" Wauters and Morten Bræmer. Listen as Waldo and Morten share their insights on using telemetry effectively in Business Central: <https://www.youtube.com/watch?v=6cCXRdHqIag>

Gerardo Rentería blogged about how to enable additional logging to analyze all SQL queries using telemetry: <https://gerardorenteria.blog/2023/12/27/use-additional-logging-to-analyze-all-sql-queries-using-telemetry/#englishversion>

Gerardo Rentería also blogged about how to analyze Business Central telemetry with Kusto.Explorer: <https://gerardorenteria.blog/2023/12/28/do-you-want-to-analyze-business-central-telemetry-with-kusto-explorer/#englishversion>

Want to get started with Business Central telemetry AND also like to learn through videos 📽️?  
  
Then check out the five new videos on our Youtube channel. In total, this will take less than 15 min of your time to watch ⏳, so hopefully it fits well into your busy schedule 📓.  
  
Store Business Central telemetry in Azure Application Insights (2:28 min)  
<https://lnkd.in/dTtmEbA3>  
  
Enable cost control strategies for Business Central telemetry (2:02 min)  
<https://lnkd.in/df3exgak>  
  
Enable telemetry in online Business Central environments (2:07 min)  
<https://lnkd.in/d6uFCSCi>  
  
Connect Power BI telemetry apps to read your Business Central telemetry data (3:24)  
<https://lnkd.in/dwbDfNRK>  
  
Change dataset properties for a Power BI telemetry app in Power BI (1:49 min)  
<https://lnkd.in/duqGCejc>

The recording of the BCLE video *What’s new in telemetry* session is now available from the official Business Central YouTube channel*:* <https://www.youtube.com/watch?v=7rIHz0zrgWU>

It has chapters for each topic to make it easy for you to get to the juice parts that interest you.

Did you know that the BCTech repo has pages with links to blog posts and videos on telemetry?

Blogs: <https://github.com/microsoft/BCTech/blob/master/samples/AppInsights/BLOGS.md>

Videos: <https://github.com/microsoft/BCTech/blob/master/samples/AppInsights/VIDEOS.md>

If you create blog posts/videos on telemetry (or know of things that are not linked from these two pages), feel free to do a pull request to the repository (or send me an email/message).

# Ask Me Anything (AMA) from Microsoft roundtable on data-driven implementations

Last month, I wrote a longer article on telemetry titled *Ask Me Anything (AMA) from Microsoft roundtable on data-driven implementations:*

<https://www.linkedin.com/pulse/ask-me-anything-ama-from-microsoft-roundtable-kennie-nybo-pontoppidan-07s2f>

Below, I have highlighted two things that is worth repeating:

1. A question about learning resources on how to use telemetry in a partner practice
2. How to get low friction go-lives and help customers optimize their investments with telemetry data

**Question: So far, my understanding is: telemetry is similar to the event viewer, but in the cloud. It looks like telemetry is a lot more than that. How can we leverage it across entire project lifecycle? Are there any learning resources?**

Yup.

Learn about personas and usage scenarios here: <https://learn.microsoft.com/en-us/dynamics365/business-central/dev-itpro/administration/telemetry-power-bi-app#use-the-app>

For people working in sales, see this part (Data-driven “How to do more with less” with Business Central aka “The sales meeting from Hell”) (8 minutes)

<https://www.youtube.com/watch?v=Ka7MWV3OyII&t=26m>

of the video Get Low Friction Go Lives and Optimize Your Investments with Telemetry Data.

For project managers, see this part (Data-driven “How to do more with less” with Business Central aka “The sales meeting from Hell”) (10 minutes)

<https://www.youtube.com/watch?v=Ka7MWV3OyII&t=10m43s>

of the video Get Low Friction Go Lives and Optimize Your Investments with Telemetry Data.

For people working with strategy in your partner organization, take a look at the playbook Using telemetry to improve your partner practices and processes:

<https://github.com/microsoft/BCTech/tree/master/samples/AppInsights/Presentations#what-power-point-presentations-are-available:~:text=ISV%20product%20owners-,strategic,-Learn%20how%20we>

**Get Low Friction Go Lives and Optimize Your Investments with Telemetry Data**

As mentioned above, earlier this year I recorded the session *Get Low Friction Go Lives and Optimize Your Investments with Telemetry Data* for the DynamicsCon Virtual conference

<https://www.youtube.com/watch?v=F_pssS0FtUc>

The video is 40 minutes end to end, and I got some feedback that this is too long for many people to invest without knowing if this is for them. That is a fair point. So, we added timing sections to the video:

[0:00](https://www.youtube.com/watch?v=F_pssS0FtUc&t=0s) Introduction

[0:36](https://www.youtube.com/watch?v=F_pssS0FtUc&t=36s) Agenda

[1:28](https://www.youtube.com/watch?v=F_pssS0FtUc&t=88s) What is telemetry and why should I care?

[3:32](https://www.youtube.com/watch?v=F_pssS0FtUc&t=212s) Demo: Business Central telemetry - the quick tour in Power BI

[10:43](https://www.youtube.com/watch?v=F_pssS0FtUc&t=643s) Data-driven, low-friction Business Central go-lives

[11:19](https://www.youtube.com/watch?v=F_pssS0FtUc&t=679s) Demo: Business Central usage telemetry - Your friend in User Acceptance Testing

[17:01](https://www.youtube.com/watch?v=F_pssS0FtUc&t=1021s) Demo: Business Central error telemetry - Remove friction before go-live

[20:59](https://www.youtube.com/watch?v=F_pssS0FtUc&t=1259s) Demo - Business Central error telemetry scorecards - How a project manager can monitor and track errors before/after go-live

[26:01](https://www.youtube.com/watch?v=F_pssS0FtUc&t=1561s) Data-driven "how to do more with less with Business Central"

[27:46](https://www.youtube.com/watch?v=F_pssS0FtUc&t=1666s) Demo - Business Central usage telemetry - using data (or missing data) to increase value

[34:00](https://www.youtube.com/watch?v=F_pssS0FtUc&t=2040s) I want this. What should I tell my administrator?

[38:05](https://www.youtube.com/watch?v=F_pssS0FtUc&t=2285s) Call to action

# Signup to the newsletter (and/or spread the word)

That's it for the January 2024 newsletter. If you made it all the way down here, then you are truly a Telemetry Hero. See you in a months’ time.

If you liked the newsletter and think that others might benefit from it as well, please send them the signup link here:

<https://www.linkedin.com/newsletters/6981923051273658368>

All earlier posts are also available from there.

PS. It is not too late to rate the Power BI apps on Appsource 😊 Your feedback matters (a lot).

Do it here:

<https://appsource.microsoft.com/en-us/product/power-bi/microsoftdynsmb.bc_telemetry_pbi_app>

(for environment telemetry)

or

<https://appsource.microsoft.com/en-us/product/power-bi/microsoftdynsmb.bc_telemetry_pbi_app_isv_version>

(for app telemetry)