

LS Central – Performance improvements

Webinar Q&A April 21, 2021

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Q: Will this be available for new versions only?

A: LS Retail provides this functionality in the latest release and as a C/AL based object package, which is based on V14.3.
The object package can be requested from the LS Retail Technical Support team.

Q: Is a HyperV of this V17.4 available on the partner portal?

A: Not yet.

Q: So if I understand this correctly, the statements can be calculated incremental during the day by using the scheduler, would I then need another scheduled job to post and put the calculated statements in to the batch posting queue or will the statement calculation do that when it finds that the counted amount has been added?

A: At the moment, the process of moving the calculated Statement to the Batch Posting Queue is not automated and needs user intervention.
Thanks for this good idea, we will investigate this further.

Q: Does the new statement calculation process take in consideration Safe management?

A: Yes, it does.

Q: Will the SQL Server Analysis Scripts and SQL Server tools work on Azure SQL elastic pool?

A: We have not tried it on elastic pools yet. As long as we have access to the SQL Server, we can use our scripts. Our tools will not give any recommendations how to properly size the pools on the aggregate resources.

Q: How about posting sales entries when statements are calculated?

A: The Statement calculation looks for unassigned Transaction and assigns those the Statement. Posting Sales Entries at the same time will consume resources from the SQL Server and Service Tier but has no direct impact on the Statement Calculation.

Q: Any changes on how Replication Counter is updated in HO database?

A: Yes, we changed this a lot. In the original code we created a lot of database reads and writes during the calculation. We have optimized this, and this contributes a lot to the overall gain.

Q: Any package for version 15 implementations?

A: Please use the AL based changes from 17.4 and downgrade.

Q: Is 14.3 available on the LS Retail portal?

A: Older versions are available on the Portal or can be requested from the Technical Support team.

Q: Is this improvement supported in Navision 2009 classic?

Q: Can we apply this for LS Nav 2009

A: Yes, except for the parallel Batch Posting. The used technology to spin-up parallel background sessions has been released by Microsoft with Navision version 7 (2013)

Q: If a user has entered a counted amount and the scheduler job run to recalculate, what happens to the information they have entered?

A: The Counted Amount in the Statement is set to zero.

Q: Can we apply Post Batch when user clicks Total on POS screen?

A: No, this is not possible.

Q: Will this auto statement generation work if the customer is using the cash management?

A: Yes, it does.

Q: Any improvement on the explosion of recipe during statement calculation?

A: Beside the performance improvements there are no changes.

Q: Will the Automatic Posting CU be extended to post for more stores than just HO? If that is the case the process can be automated.

A: We are reviewing this functionality but have not made a decision yet.

Q: Can we use a further version of MS BC (for example, platform 17.5) considering that 17.4 still has multiple bugs?

A: We have not tested that, but it could work.

Q: I need LS Retail's performance Audit tool link?

A: LS Retail is not providing or selling the Audit tool directly to customers or partners. We use this tool when we do performance audits for customer /partner environment.

Q: Is there a functionality to post the all statements at once instead of opening each one statement and post?

A: No, but we like the idea.

Q: You mentioned that MS has made some performance improvement in their April 2021 version. When will that be released by LS Retail?

A: In one of the coming releases.

Q: I don't think you should post at the store level when using standalone store as you say, I'm just asking to an option to calculate and post multiple store in the HO. The Automatic Posting CU right now only looks at the Store HO. If you could mark the store as "Autopost"= True and the Automatic Posting CU ran through the stores and put them into the Batch Posting Que it would be great. That means we could reduce the time even further and also automate the process.

A: This is a great idea, Thank you. We will consider taking this into our roadmap.

Q: Is there a time or no. of times setup for the auto calculation of statement? How many times per day it will calculate the statement?

A: This is controlled by the Scheduler Job Header which calls the Auto Calculation CU.

Q: Will there be a notification for the cashier once the statement is generated, so the cashier can remove the cash from the drawer and update the statement?

A: No, we have not planned this.

Q: How will you break down the tender declaration in the multiple statements created?

A: Excellent question.

If we have created one Statement that holds the data from two POS Terminals we can of course have the situation that the tender declaration arrived only from one POS and is still missing for the second POS.

When the user wants to post the Statement, he will get a notification that tender declarations are missing. He can choose to wait (and recalculate) if the cashier has not finished his work. If he does not want to wait, he can unassign the Transactions from the POS where we miss the tender declaration from the current statement. Then he can post the Statement for the „complete“ POS and calculate a separate one for the „incomplete“ POS.

Q: Have you tested statement with Infocode posting and POS-part (based on temporary tables)?

A: Yes.

Q: Have you tested this for bill of material based products or recipe items?

A: Yes.

Q: Will we be able to change the Counted Amount even if Safe Management is enabled?

A: We have not changed the functionality for that.

(From the registration form). Which question would you like to get answered?

Q: SQL Collation and Performance Optimization?

A: We don't see ourselves as a SQL Server performance tuning company – there are other companies and specialists out there.
But we can review, point to issues, and consult you.

Q: Apart from the regular features, how is the GCC region getting impacted with any of the new features?

A: The bespoke features are available for the W1 and country versions.

Q: Locking table?

A: Reduced, if not eliminated for Statement calculation and posting

Q: How much of the end of day process be further automated?

A: One participant brought up the idea to automatically post Statements when tender declaration is done. This will definitely improve further.

Q: In general what are the updates in LS Central 17.4 version.

A: For details and further information please check out the LS Central 17.4 [Release Notes](#) and [Release Blog](#).

Q: Is possible the statement split in two types of posted document, one only sales and in other only return sales?

A: This is an interesting idea, we will investigate further.

Q: Middle Tier Performance Optimization?

A: Middle Tiers should be set up according to Microsoft's best practices.
We tested the behavior of our code with one and multiple service tiers to understand the impact of scaling out.

Q: Any changes coming to automated statement posting?

A: We are looking into that, but have no ETA yet.

Q: How to resolve errors in open statement processing?

A: Please reach out to me (martin.kleindl@lsretail.com) and explain this in more detail.
Thanks.

Q: End-Of-Day by Total Method?

A: Is supported by Incremental Statement Calculation