



# **DATAMART 5.0.9 RELEASE NOTES**

March 2020

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## Release information

Release Version: 5.0.9  
Release Date: March 4, 2020

### Introduction

This document describes the features and functionality of the Lucernex DataMart 5.0.9 release. This release contains bug fixes related to soft brushes and table partitioning.

### Need help with installing or using DataMart?

For updated installation and usage procedures, please see the *DataMart Reference Guide* in the Lucernex Online Help.

Before updating to the most recent version of DataMart, please review the [Table Partitioning section below](#).

### Ideas for improving Lucernex

We invite you to submit your product enhancement requests on the [Lucernex Ideas Page](#). Ideas you post can be viewed by both Accruent employees and other Lucernex customers. On the Ideas page you can:

- vote for or against an idea
- add and respond to comments
- view the status of an idea

Your ideas help us to understand what is important to our customers. Our product management team actively monitors the Ideas page and updates it when required. Contact Accruent Support if you have questions about the Ideas page.

## Announcements

This section of our release notes is intended to make you aware of important announcements related to DataMart.

### DataMart version support

As of the DataMart 4.0.24 release, we will only be providing limited support to older versions of DataMart. We highly recommend upgrading to ensure that you have the most recent bug fixes and continued support from our staff.

If you need any assistance upgrading, please contact Accruent Support.

## Table partitioning

Prior to the 4.0.24 release, only a certain number of fields could be contained on each database table; any overages were added to a subsequent table (for example, Contract1, Contract2, Contract3). Fields on tables are listed in alpha-numeric order. When user-defined fields were added to DataMart, DataMart was trying to add the new fields to tables whose capacity had already been met.

To resolve this, DataMart checks the number of fields which exist on a database table. If the maximum number has been exceeded, new fields are added to a subsequent table. This functionality is called table partitioning. Table partitioning is driven by the standard column quantity and row size limitations imposed by SQL server. The DataMart 5.0.9 release does a better job of estimating the row size than previous versions, preventing SQL errors.

When you run a full brush, DataMart will reorder your columns alphabetically and then break the data into partitions.

A delta run without the schema check box enabled will update fields that already exist in the database. However, a delta run will fail if a new user-defined field has been added to the database. *Our best practice recommendation is to enable the schema check box.* A delta run with the schema check box enabled will not reorder columns because partitioning was imposed by the original full brush.

A soft brush is a rolling update of the database that goes table-by-table. A soft brush does not erase previously existing data, instead it adds new data and updates data that has been changed.

## Improvements and issues fixed

The following updates have been delivered in this release.

Feature	Summary
Delta Runs	Delta runs with the schema check box selected no longer fail if you have table partitioning.
Soft Brush	Soft brush runs no longer fail if you have table partitioning.

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