

Improving indexes and providing a performance increase when running reports

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Procedure Steps

The first 3 SQL commands provide the most improvement. The other 2 are also necessary for overall improvement. If you have any questions, please contact Technical Support for further assistance.

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ACCTRANS	USE [ACCESSCONTROL] GO CREATE NONCLUSTERED INDEX UDO_Report_ACCTRANS_By_Object_Time ON [dbo].[ACCTRANS] ([ACCTRANS_OBJECTID],[TIMESTAMP]) INCLUDE ([USERID],[ACCTRANS_OPERATIONID],[ENTERVALUE],[COMPUTERN], [ACCROWID],[LNL_DBID],[USER_NOTES],[UTC_OFFSET]) GO
EVENTS	USE [ACCESSCONTROL] GO CREATE NONCLUSTERED INDEX UDO_Report_EventInfo_By_CardNum_Type_Time ON [dbo].[EVENTS] ([CARDNUM],[EVENTTYPE],[EVENT_TIME_UTC]) INCLUDE ([SERIALNUM],[DEVID],[INPUTDEVID],[EVENTID],[MACHINE],[EMPID], [ISSUECODE],[CARD_EXTENDED_ID]) GO
LASTLOCATION	USE [ACCESSCONTROL] GO CREATE NONCLUSTERED INDEX UDO_Report_LastLocation_By_Flag_Time ON [dbo].[LASTLOCATION] ([ACCESS_FLAG],[EVENT_TIME_UTC]) INCLUDE ([PANELID],[READERID],[CARDNUM],[EVENTID],[EVENTTYPE],[EMPID]) GO
BADGE	USE [ACCESSCONTROL] GO CREATE NONCLUSTERED INDEX UDO_Report_Badge_By_Status ON [dbo].[BADGE] ([STATUS]) INCLUDE ([ID],[BADGEKEY]) GO
ACCLVLINK	USE [ACCESSCONTROL] GO CREATE NONCLUSTERED INDEX UDO_Report_Accvlink_By_Panel_Reader

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ON [dbo].[ACCLVLINK] ([PANELID],[READERID])  
INCLUDE ([ACCESSLVID],[TZID],[FLOORID])  
GO
```

Applies To

SQL and OnGuard (All versions)

Additional Information

Use of these SQL commands may be applicable if you are experiencing unexpected timeout errors when trying to run a report.