

## Technical Note – InduSoft Web Studio Limits

### Introduction

This document describes the extent of the InduSoft Web Studio development environment, such as maximum number of worksheets and maximum number of rows per worksheet.

### Data Limits

The Tasks and Communication worksheets created in InduSoft Web Studio development environment are stored in the \Config sub-folder of the application as soon as the user saves them.

Task	Number of Worksheets	Number of Rows per worksheet	Remarks
<b>Project Tags</b>	1	32720	Project Tags > Datasheet View
<b>Alarms</b>	255	32000	Alarm001 up to Alarm255
<b>Trend</b>	999	240	Trend001 up to Trend999
<b>Recipes</b>	-	32000	Memory/Performance limitation
<b>Reports(*)</b>	-	32000	Memory/Performance limitation
<b>ODBC</b>	999	4096	ODBC001 up to ODBC999
<b>Math</b>	999	32000	Math001 up to Math999
<b>Scheduler</b>	999	32000	Sched001 up to Sched999
<b>Communication Driver - SDS</b>	9999	4096	<DriverName>001 up to <DriverName>9999
<b>Communication Driver - MDS</b>	1	32767	One Worksheet per driver
<b>OPC Client</b>	999	4096	OPCCL001 up to OPCCL999
<b>TCP/IP Client</b>	999	4096	TCPCL001 up to TCPCL999
<b>DDE Client</b>	999	4096	DDECL001 up to DDECL999
<b>Event Logger</b>	1	4096	EVENT.EVT

(\*) In addition to the limits listed in the previous table, each line of the text report generated by the Report task supports up to 8190 characters. If the number of characters in a line exceeds this limit, the report task will automatically add a 0x0D0A (carriage return + line feed) to “force” the end of the line.

**⚠Caution:** Even within the limits mentioned in the previous table, the user must check if the performance achieved is suitable to the project requirements.

### Map of Revision

Revision	Author	Date	Comments
A	Fabio Terezinho	February 13, 2004	▪ Initial Revision.
B	Fabio Terezinho	January 17, 2012	▪ Updated the number of rows per worksheet for the “Communication Driver – MDS”.
C	Fabio Terezinho	December 21, 2012	▪ Added note about the maximum number of characters in a report generated by the Report task.
D	Fabio Terezinho	October 8, 2014	▪ Added the Project Tags worksheet limit