

SDI-12 Support Group
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SDI-12 Support Group Newsletter January 2023

The SDI-12 Support Group did not have annual meetings in 2022 because there were no pending technical issues before the Group. This newsletter, therefore, summarizes the past year as the SDI-12 Support Group continues to serve the SDI-12 community.

The SDI-12 Support Group continues to function as a non-profit corporation in the state of Utah, USA.

Unfinished Business from 2022

During the 2021 annual meeting the Technical Committee discussed allowing multiple lines of text to be returned from sensors in response to extended commands. This is documented in the minutes from that meeting, as follows:

“Conclusion About Getting Multiple Lines of Text. The committee agreed that guidelines for supporting multiple lines of text should be put into writing and distributed to the Technical Committee for review and further discussion. Upon approval of written details, this will be added to the SDI-12 Specification as guidelines for the use of extended commands between data recorders and sensors. All agreed to work out the details for getting multiple lines of text in writing.”

The Technical Committee is reviewing a draft of how to accomplish this, with comments due on the draft at the end of January 2023.

The return of multiple lines of text will not be a requirement imposed on SDI-12 sensors. Therefore, the version of SDI-12 will remain at version 1.4 and a vote from the Support Group’s members about this will not be required. If, however, the technical committee votes to accept this enhancement, then makers of SDI-12 products may add, or not add, support for this feature at their discretion.

Review of Website Traffic

www.sdi-12.org continues to have frequent visitors. Google Analytics for the past year shows an increase in visits to the main page (+20.5%) and the SDI-12 Specification page (+13.7), but a decline in visits to the other pages.

Here is a summary of visits to www.sdi-12.org, comparing two years of visitor statistics, using three different tolls to quantify web site use:

1. Google Analytics
2. AWSTAT
3. Stats2

Google Analytics Past Two Years

Metric	11/1/2020 through 10/31/2021	11/1/2021 through 10/31/2022	Percent Change
Users	7,232	7,210	-0.3 %
New Users	7,243	7,122	-1.7 %
Sessions	9,197	9,177	-0.2 %
Number of Sessions per User	1.27	1.27	no change
Page Views	17,541	16,770	-4.4 %
Pages/Session	1.91	1.83	-4.2 %
Average Session Duration	00:01:09	00:00:50	
Bounce Rate	64.75%	58.71%	
New Visitors	88.4%	85,6%	
Returning Visitors	11.6%	11.6%	

Google Analytics Page Views Past Two Years

Page	11/1/2020 through 10/31/2021	11/1/2021 through 10/31/2022	Percent Change
/	8,008	9,653	20.5 %
/specification.php	2,553	2,903	13.7 %
/announcement.php	875	767	-12.3 %
/membership_list.php	672	570	-15.2 %
/archives.php	975	613	-37.1 %
/membership_form.php	487	363	-25.5 %
/history.html	441	358	-18.8 %
/Index.php	415	302	-27.2 %
/contact.php	341	287	-15.8 %

AWSTAT Past Two Years

Metric	11/1/2020 through 10/31/2021	11/1/2021 through 10/31/2022	Percent Change
Unique Visitors	21,233	18,124	-14.6 %
Number of Visits	29,885	24,885	-16.7 %
Pages	53,382	41,336	-22.6 %
Hits	166,291	124,379	-25.2 %

Stats2 Past Two Years

Metric	11/1/2020 through 10/31/2021	11/1/2021 through 10/31/2022	Percent Change
Visitors	8,372	7,283	-13.0 %
Actions	17,281	13,554	-21.6 %
Average Time per Visit	5:10	04:50	
Bounce Rate	31%	32%	

Here are two additional counts, which may be inflated by robots crawling the website.

- A server-side PHP program on www.sdi-12.org counted 16,227 views/downloads of the SDI-12 Specification between 11/10/2020 and 1/16/2023 (2.2 years, 797 days), for an average of 20 views/downloads per day. (PHP stands for Hypertext Preprocessor.)
- The PHP program also counted 4,551 views/downloads of the Power Point Presentation about SDI-12, between 11/8/2021 and 1/16/2023 (1.2 years, 434 days), for an average of 10 views/downloads per day.

Financial Report for 2022

The SDI-12 Support Group, as of 12/31/2022, had \$ 11,110.05, with liabilities of \$ 537.39, payable to NR Systems, Inc. for expenses incurred in 2022: web site hosting, Secure Socket Layer (SLS) certificates for www.sdi-12.org, and domain name registration.

The \$ 537.39 was paid to NR Systems, on January 3, 2023. The cash balance for the SDI-12 Support Group at present (1/17/2023) is **\$ 10,572.66**, with zero liabilities at present.

Dues payment remains a perennial problem. Only four companies paid dues in 2022. A more persuasive invoice requesting dues will be sent to the membership soon. Responses will hopefully improve.

Here is a summary of the 2022 finances for the SDI-12 Support Group:

Date	Cache Valley Bank	PayPal	PayPal & Other Fees	Total	Notes
12/31/2021	\$ 7,655.75	\$ 2,299.04	\$ 0.00	\$ 9,954.79	1 member paid dues
01/31/2022	\$ 7,655.75	\$ 2,299.04		\$ 9,954.79	
02/28/2022	\$ 7,655.75	\$ 2,299.04		\$ 9,954.79	
03/21/2022	\$ 7,655.75	\$ 2,299.04		\$ 9,954.79	
04/30/2022	\$ 7,655.75	\$ 2,299.04		\$ 9,954.79	
05/31/2022	\$ 7,655.75	\$ 2,299.04		\$ 9,954.79	
06/30/2022	\$ 7,655.75	\$ 2,299.04		\$ 9,954.79	
07/31/2022	\$ 7,655.75	\$ 2,585.38	\$ 13.66	\$ 10,241.13	1 member paid dues
08/31/2022	\$ 7,955.75	\$ 2,585.38	\$ 0.00	\$ 10,541.13	1 member paid dues
09/30/2022	\$ 7,955.75	\$ 2,871.91	\$13.47	\$ 10,827.66	1 member paid dues
10/31/2022	\$ 7,955.75	\$ 2,871.91		\$ 10,827.66	
11/30/2022	\$ 7,955.75	\$ 3,156.45	\$ 15.46	\$ 11,112.20	new member joined
12/31/2022	\$ 7,955.75	\$ 3,154.30	\$2.15	\$ 11,110.05	debit for Stats2 Program on Website
total dues received in 2022		\$ 1,200.00	\$ 44.74		

Total Dues Received in 2022: \$ 1,200.00

Total PayPal Fees in 2022: \$ 42.59

Other Fees Paid in 2022: \$ 2.15

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