



ParlorBoss

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1. ParlorBoss Overview

ParlorBoss It is a parlor monitoring and reporting solution from VAS that helps dairy farmers understand how efficiently their milking parlor is running. By analyzing parlor activity data, ParlorBoss provides clear insights into cow flow, equipment usage, and milking workflows, helping farmers identify bottlenecks and improve day-to-day parlor operations

Want to learn more about ParlorBoss? Visit vas.com to explore product features and connect with VAS to learn how ParlorBoss works to bring efficiencies to your operation.

✓ **Can't find this feature? Make sure it's included in your subscription!**

See the topics below to learn more:

- [What's New in ParlorBoss?](#)
- [ParlorBoss Setup & Troubleshooting](#)
- [Configure Auto Update in ParlorBoss](#)
- [Change Stall EID Tags in ParlorBoss](#)
- [ParlorBoss Reports](#)

2. What's New in ParlorBoss?

Learn about the latest ParlorBoss enhancements and bug fixes below!

ParlorBoss - Version 2.8.91

Release Date: June 18, 2026

This hot fix resolves an issue where ParlorBoss and Agrident readers might not connect correctly. In some cases, this caused inconsistent or failed communication and required multiple restarts before the connection was established.

ParlorBoss - Version 2.8.11

Release Date: June 3, 2026

This release includes enhancements and minor bug fixes:

✓ **Enhancements**

✓ **Bug Fixes**

✓ **Earlier Releases**

3. ParlorBoss Setup & Troubleshooting

- ✓ Can't find this feature? Make sure it's included in your subscription!

Follow these steps to activate the parlor integration and view data in PULSE:

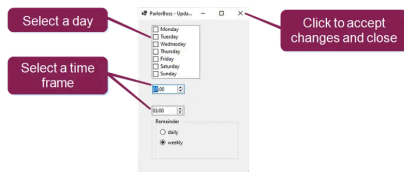
- ✓ **Step 1: Connect the DairyComp and ParlorBoss Integration**
- ✓ **Step 2: Configure Milking Shifts**
- ✓ **Troubleshoot Connection Issues**

4. Configure Auto Update in ParlorBoss

Question: How do I configure when ParlorBoss checks for software updates?

Answer: To avoid interrupting milking activities, you can configure ParlorBoss to search for software updates during specified time periods.

Follow the steps below to configure when ParlorBoss checks for updates.



1. From ParlorBoss, select **Help > Autoupdate**.
2. Select **weekly** or **daily** from the auto update window.

If you select weekly, you must choose a day and then select a time frame. If you select daily, only the time frame options are available.

3. Click the **X** to accept changes and close the window.

NOTE: If the time frame options are not set here, ParlorBoss checks for updates every 10 minutes.

5. Change Stall EID Tags in ParlorBoss

Question: How do I change an [EID](#) tag for a stall in ParlorBoss?

Answer: You can replace a single stall tag or multiple stall tags using ParlorBoss. Follow the steps below to find the bad stall EID tag, replace the EID on the parlor stall, and record the new EID tag number in ParlorBoss.

IMPORTANT: The bad stall tag will not be the stall that is missing on the display; rather, it will be the EID *at the stall reader when the missing stall on the display is at the cow reader*.

✓ [Click here to learn more about identifying bad EIDs!](#)

Expand the information below to learn more about replacing stall tags in ParlorBoss:

- ✓ **Replace a single stall tag**
- ✓ **Replace multiple stall tags**

6. Configure Stall Read Delay in ParlorBoss

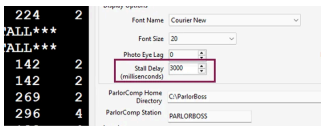
Question: How do I improve stall read accuracy on my rotary parlor without adjusting hardware?

Answer: ParlorBoss includes a **Stall Read Delay** setting that applies a configurable delay (in milliseconds) between when a stall tag is scanned and when ParlorBoss registers the reading. This improves stall read accuracy by compensating for hardware timing differences, reducing the need for physical hardware calibration.

NOTE: This feature is available in ParlorBoss version 2.8.11 and later.

Follow the steps below to configure the stall read delay.

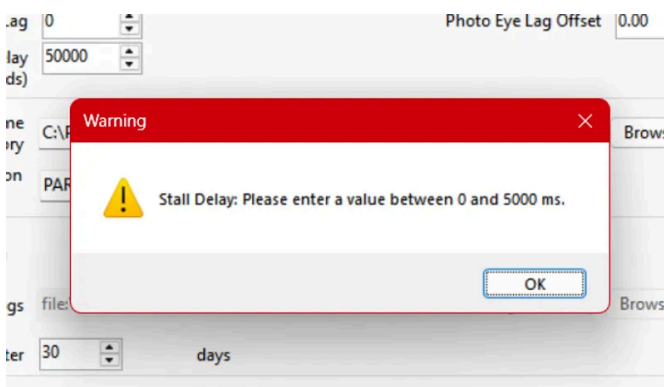
1. From ParlorBoss, select **Tools > Options**.
2. In the **Display Options** section, locate the **Stall Delay** field.



3. Enter a value between **0** and **5000** milliseconds. For example, entering 3000 applies a 3-second delay between the scanner read and ParlorBoss registration.
4. Select **OK** to save your changes.

Important Considerations

- The stall delay value **persists across system restarts** — you only need to set it once.
- The stall delay setting works with all supported scanners: Agrident COM, Nedap COM, and GEA MQTT.
- Adjusting this setting does not negatively impact system performance or PULSE reporting.
- If you enter a value greater than 5000, the system will warn you:



Selecting **OK** on the warning automatically sets the value to the maximum of 5000 ms.

7. Troubleshoot Stall Reversal Errors in ParlorBoss

Question: Why is ParlorBoss showing a "Reinitializing Parlor" error or misassigning cows after my rotary moves backward?

Answer: On rotary parlors, the platform may occasionally move backward (in reverse). ParlorBoss can detect and automatically correct stall reversals of **up to 7 stalls**, keeping stall numbering and cow assignments accurate without any action from the operator. Once the platform moves forward again, everything lines back up on its own.

If the rotary reverses **more than 7 stalls**, ParlorBoss displays an error because it can no longer guarantee accurate stall tracking. Below is what you'll see and how to respond.

 **NOTE:** This feature is available in ParlorBoss version 2.8.11 and later.

During a Reversal (7 stalls or fewer)

When ParlorBoss detects the rotary moving backward, it displays a **warning banner** on screen indicating that the rotary is in reverse. No action is needed — ParlorBoss automatically re-aligns stall positions once forward movement resumes. Stall numbering and cow assignments remain accurate.

When a Reversal Exceeds 7 Stalls

If the rotary reverses more than 7 stalls, ParlorBoss displays a **"Reinitializing Parlor"** error dialog:

```
ParlorBoss detected Exceeded Reversals. Click Ok Button when are you are ready to continue working.
```

The error is also logged in the ParlorBoss log panel with a red ERROR entry:

```
Reversal exceeds supported stall range. Deleting elements in the queue and restarting process.
```

To resolve this:

1. Ensure the rotary has stopped reversing and is ready to resume normal forward operation.
2. Select **Continue** (or **OK**) on the error dialog.
3. ParlorBoss will restart the scanners and resume cow scanning and stall assignment from the current position. Any stalls that were queued during the reversal will be picked up automatically.

Important Considerations

- No configuration is needed — reversal detection is always active on rotary parlors.
- Reversal events are recorded in the ParlorBoss logs. Yellow warning entries show each reversal step detected; red errors display when the 7-stall limit is exceeded.
- This behavior applies consistently across all rotary parlor types: Agrident, Nedap, and GEA.

8. ParlorBoss Reports

✓ Required Setup

✓ Required Permissions

The **Reports** page allows you to view ParlorBoss efficiency and animal identification data in PULSE to help optimize your parlor operations. This information can help you review your management strategies to improve efficiencies for specific parlors, shifts, or pens. You can find this feature under the [ParlorBoss Menu](#).

Efficiency Reports

1 **Turns per Day** | SHIFT START AND END | PEN TIME | PARLOR SPEED | EMPTY STALLS PER DAY

2 **Filters** 07/01/2025 - 07/01/2025 [Clear Filters](#)

3 **Staging Rotary Parlor**

4 **Avg # of Turns per Day** 160

DATE	SHIFT #1	SHIFT #2	SHIFT #3	TOTAL NUMBER OF TURNS
07/07/2025	59	55	55	169
07/06/2025	57	54	55	166
07/05/2025	57	55	56	168
07/04/2025	57	55	55	167
07/03/2025	6	54	54	114
07/02/2025	58	56	56	170
07/01/2025	57	55	54	166

Identification Reports

1 **Tasks Scanned / Expected** | COWS SCANNED / EXPECTED | WRONG PEN ANIMALS | COWS WITHOUT ID SCAN | COWS WITH MULTIPLE TRIPS

2 **Filters** 07/01/2025 - 07/01/2025

3 **Staging Rotary Parlor**

4 **Avg % Complete** 72.29%

DATE	SHIFT #1	SHIFT #2	SHIFT #3	TOTAL TASKS SCANNED / EXPECTED	% COMPLETE
07/09/2025	60 / 84	43 / 61	-	406 / 605	72.41%
07/08/2025	229 / 315	219 / 289	48 / 75	709 / 949	74.71%
07/07/2025	251 / 325	228 / 302	230 / 322	1078 / 1600	67.38%
07/06/2025	436 / 671	585 / 828	77 / 101	488 / 737	66.06%
07/05/2025	52 / 68	0 / 0	436 / 649	519 / 658	78.88%
07/04/2025	464 / 580	0 / 0	55 / 78	-	-

Follow the guidelines below when working with the ParlorBoss **Reports** page:

- 1 **View Reports:** Click a tab at the top of the page to view a specific report.
 - ✓ **Click here for a list of all reports available!**
- 2 **Filter the Data:** Some reports include additional filter options at the top of the page.
- 3 **View Report Summary:** Some reports include an overall summary in a **GRAY** bar at the top left of the page.
- 4 **View Report Data:** Data may be presented in **Table** view or **Graph** view.

See the topics below to learn more:

- [ParlorBoss Setup & Troubleshooting](#)
- [Efficiency Reports](#)
 - [Turns per Day Report](#)
 - [Shift Start and End Report](#)
 - [Pen Time Report](#)
 - [Parlor Speed Report](#)
 - [Empty Stalls per Day Report](#)
- [Identification Reports](#)
 - [Tasks Scanned/Expected Report](#)
 - [Cows Scanned/Expected Report](#)
 - [Wrong Pen Animals Report](#)
 - [Cows without ID Scans Report](#)

8.1. Efficiency Reports

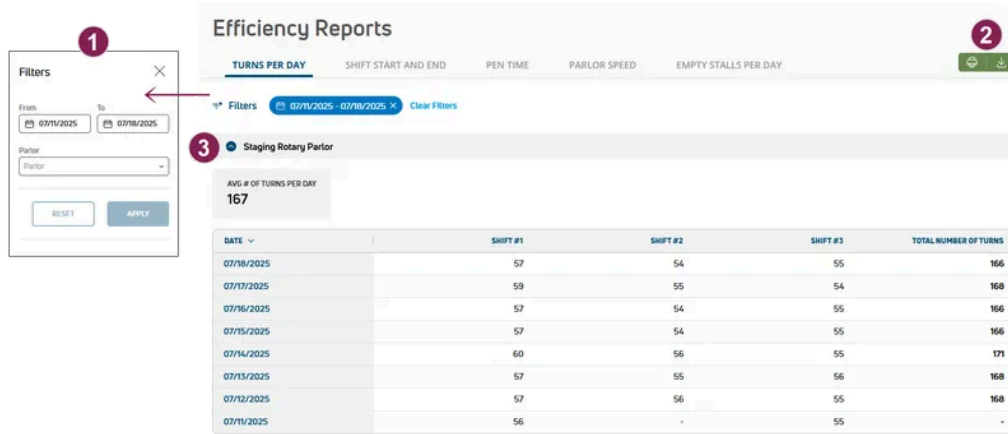
Efficiency Reports in ParlorBoss show how your parlor is performing based on actual operating data. They help you understand what's happening during milking so you can make informed management decisions. By reviewing key metrics by parlor, shift, and pen, you can spot slowdowns, see how labor is being used, and check whether your equipment is running as expected.

See the topics below to learn more:

- [Turns per Day Report](#)
- [Shift Start and End Report](#)
- [Pen Time Report](#)
- [Parlor Speed Report](#)
- [Empty Stalls per Day Report](#)

8.1.1. Turns per Day Report

Use the Turns per Day report to review and analyze the number of times the parlor rotated at your dairy by parlor, date, and shift. This information can help you review your management strategies to improve efficiencies for specific parlors, shifts, or pens.



Efficiency Reports

1 Filters

From: 07/15/2025 To: 07/18/2025

Parlor: Parlor

RESET APPLY

2 Efficiency Reports

Turns per Day SHIFT START AND END PEN TIME PARLOR SPEED EMPTY STALLS PER DAY

3 Staging Rotary Parlor

Avg # of Turns per Day: 167

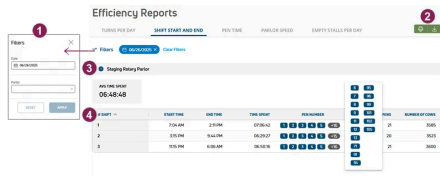
DATE	SHIFT #1	SHIFT #2	SHIFT #3	TOTAL NUMBER OF TURNS
07/18/2025	57	54	55	166
07/17/2025	59	55	54	168
07/16/2025	57	54	55	166
07/15/2025	57	54	55	166
07/14/2025	60	56	55	171
07/13/2025	57	55	56	168
07/12/2025	57	56	55	168
07/11/2025	56	-	55	-

Expand the sections below to learn more:

- 1 **Search and Filter the Turns per Day Report**
- 2 **Print or Export the Report**
- 3 **View Report Details**

8.1.2. Shift Start and End Report

Use the Shift Start and End report to review and analyze time spent during milking shifts by parlor, date, and shift. This information can help you review your management strategies to improve efficiencies for specific parlors, shifts, or pens.

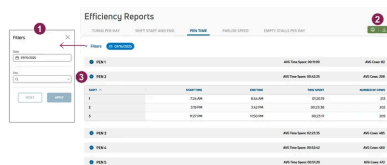


Expand the sections below to learn more:

- 1 ✓ **Search and Filter the Shift Start and End Report**
- 2 ✓ **Print or Export the Report**
- 3 ✓ **View Report Details**

8.1.3. Pen Time Report

Use the Pen Time report to to review and analyze time spent during milking shifts by date and [pen](#). This information can help you review your management strategies to improve efficiencies for specific pens.



The screenshot shows the 'Efficiency Reports' page. Callout 1 points to the 'Filter' button on the left sidebar. Callout 2 points to the 'Pen Time' tab in the top navigation bar. Callout 3 points to the 'Pen Time' report table, which displays data for various pens and shifts.

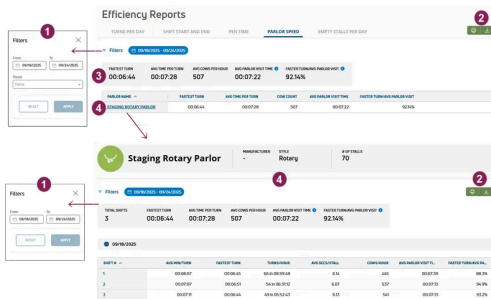
Shift	Pen	Start Time	End Time	Time Spent	Efficiency Score
1	1	07:00	08:00	1:00	95
1	2	08:00	09:00	1:00	90
1	3	09:00	10:00	1:00	85
2	1	10:00	11:00	1:00	92
2	2	11:00	12:00	1:00	88
2	3	12:00	13:00	1:00	83

Expand the sections below to learn more:

- 1 ✖ **Search and Filter the Pen Time Report**
- 2 ✖ **Print or Export the Report**
- 3 ✖ **View Report Details**

8.1.4. Parlor Speed Report

Use the Parlor Speed report to review and analyze parlor speed by parlor, date, and shift. This information can help you review your management strategies to improve efficiencies for specific parlors, shifts, or pens.



The screenshot displays the 'Efficiency Reports' section with the 'Parlor Speed' report selected. It shows a summary for the 'Staging Rotary Parlor' with a total of 3 shifts and an average speed of 82.16%. A detailed table follows, showing data for three shifts.

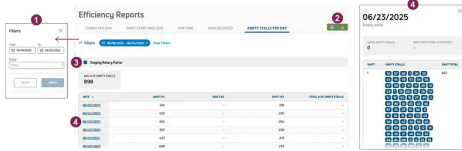
SHIFT	DATE	TIME	PARLOR	AVG SPEED	AVG INFLUENCE	AVG INFLUENCE	AVG INFLUENCE	AVG INFLUENCE
1	00:06:44	00:07:28	507	82.16%				
2	00:07:22	00:07:22	507	82.16%				
3	00:07:22	00:07:22	507	82.16%				

Expand the sections below to learn more:

- 1 ✖ Search and Filter the Parlor Speed Report
- 2 ✖ Print or Export the Report
- 3 ✖ View Report Summary
- 4 ✖ View Report Details

8.1.5. Empty Stalls per Day Report

Use the Empty Stalls per Day report to to identify parlor stalls that were recorded empty by parlor, date, and shift. This information can help you review your management strategies to improve efficiencies for specific parlors, shifts, or pens.



Expand the sections below to learn more.

- 1 ▼ **Search and Filter the Empty Stalls per Day Report**
- 2 ▼ **Print or Export the Report**
- 3 ▼ **View Report Details**
- 4 ▼ **View Details for a Specific Date**

8.2. Identification Reports

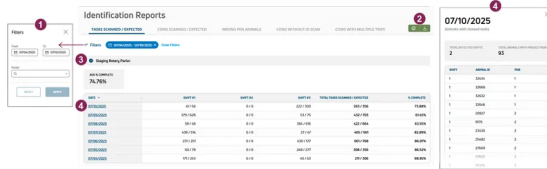
The Identification Reports in ParlorBoss provide the oversight necessary to ensure that every animal in your herd is accounted for and processed correctly during every milking shift. These reports help you maintain data integrity by highlighting discrepancies between expected and actual scans, identifying animals in the wrong locations, and monitoring the success of your health and reproduction protocols.

See the topics below to learn more:

- [Tasks Scanned/Expected Report](#)
- [Cows Scanned/Expected Report](#)
- [Wrong Pen Animals Report](#)
- [Cows without ID Scans Report](#)

8.2.1. Tasks Scanned/Expected Report

Use the Tasks Scanned/Expected report to track tasks completed during milking shifts. This information can help you review your parlor management strategies to improve task efficiencies and improve the success of your reproduction or health-related protocol. A dairy protocol includes a series of treatments or tasks that follow a prescribed order and schedule. Protocols may be defined for reproduction purposes, to treat an illness, or for routine vaccinations and other programs.



The screenshot shows the 'Identification Reports' window. Callout 1 points to the search and filter options. Callout 2 points to the 'Print' and 'Export' buttons. Callout 3 points to the 'View Report Details' button. Callout 4 points to the 'View Details for a Specific Date' button.

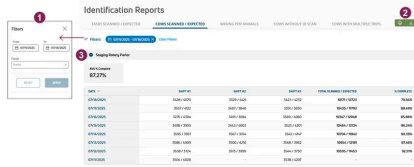
Task ID	Task Name	Task Type	Task Status	Task Date	Task Time	Task Location	Task Operator	Task Notes
10000001	10000001	10000001	10000001	10000001	10000001	10000001	10000001	10000001
10000002	10000002	10000002	10000002	10000002	10000002	10000002	10000002	10000002
10000003	10000003	10000003	10000003	10000003	10000003	10000003	10000003	10000003
10000004	10000004	10000004	10000004	10000004	10000004	10000004	10000004	10000004
10000005	10000005	10000005	10000005	10000005	10000005	10000005	10000005	10000005
10000006	10000006	10000006	10000006	10000006	10000006	10000006	10000006	10000006
10000007	10000007	10000007	10000007	10000007	10000007	10000007	10000007	10000007
10000008	10000008	10000008	10000008	10000008	10000008	10000008	10000008	10000008
10000009	10000009	10000009	10000009	10000009	10000009	10000009	10000009	10000009
10000010	10000010	10000010	10000010	10000010	10000010	10000010	10000010	10000010

Expand the sections below to learn more:

- 1 **Search and Filter the Tasks Scanned/Expected Report**
- 2 **Print or Export the Report**
- 3 **View Report Details**
- 4 **View Details for a Specific Date**

8.2.2. Cows Scanned/Expected Report

Use the Cows Scanned/Expected report to review and analyze the number of animals actually scanned compared to the number of animals expected to be scanned by parlor, date, and shift.



The screenshot shows the 'Identification Reports' interface. Callout 1 points to the 'Filter' section on the left. Callout 2 points to the 'Print' and 'Export' buttons at the top right. Callout 3 points to the 'Summary/Details/Filter' tabs in the middle section.

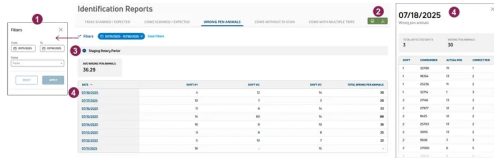
DATE	SHIFT	PARLOR	EXPECTED	SCANNED	PERCENT
2025-10-20	0001-0001	0001-0001	1000	823	82.3%
2025-10-20	0001-0002	0001-0002	1000	823	82.3%
2025-10-20	0001-0003	0001-0003	1000	823	82.3%
2025-10-20	0001-0004	0001-0004	1000	823	82.3%
2025-10-20	0001-0005	0001-0005	1000	823	82.3%
2025-10-20	0001-0006	0001-0006	1000	823	82.3%
2025-10-20	0001-0007	0001-0007	1000	823	82.3%
2025-10-20	0001-0008	0001-0008	1000	823	82.3%
2025-10-20	0001-0009	0001-0009	1000	823	82.3%
2025-10-20	0001-0010	0001-0010	1000	823	82.3%

Expand the sections below to learn more:

- 1 **Search and Filter the Cows without ID Scans Report**
- 2 **Print or Export the Report**
- 3 **View Report Details**

8.2.3. Wrong Pen Animals Report

Use the Wrong Pen Animals report to identify animals that were milked in the wrong pen Pen number by parlor, date, and shift. The report details can help you make corrections in PULSE or DC305 DairyComp 305 - VAS Dairy Management Software (for DC Unlimited dairies) to ensure animal data is accurate and up to date.



Animal ID	Parlor	Date	Shift	Pen Number
123456789	1	07/18/2025	1	10
123456789	1	07/18/2025	1	10
123456789	1	07/18/2025	1	10
123456789	1	07/18/2025	1	10
123456789	1	07/18/2025	1	10
123456789	1	07/18/2025	1	10
123456789	1	07/18/2025	1	10
123456789	1	07/18/2025	1	10
123456789	1	07/18/2025	1	10
123456789	1	07/18/2025	1	10

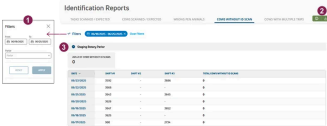
NOTE: ParlorBoss identifies animals that are in the wrong pen if an animal's pen is different from other animals in the parlor. However, if a milking shift is transitioning from one pen to the next, ParlorBoss expects to have animals from both pens in the parlor at the same time. In this case, animals are not flagged as being in the wrong pen.

Expand the sections below to learn more:

- 1 **Search and Filter the Wrong Pen Animals Report**
- 2 **Print or Export the Report**
- 3 **View Report Details**
- 4 **View Details for a Specific Date**

8.2.4. Cows without ID Scans Report

Use the Cows without ID Scans report to review and analyze missed [ID](#) animal scans by parlor, date, and shift. The report includes the total number of animals scanned and missed for each shift.



Expand the sections below to learn more:

- 1 ▼ Search and Filter the Cows without ID Scans Report
- 2 ▼ Print or Export the Report
- 3 ▼ View Report Details