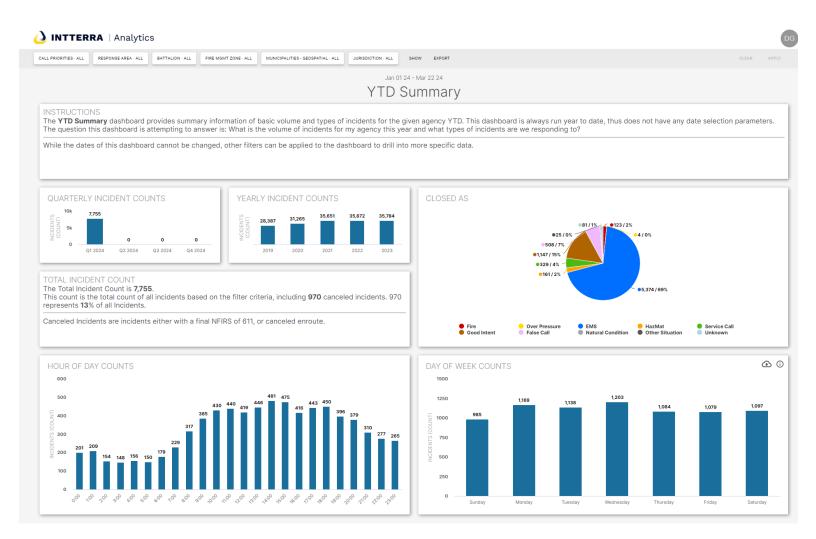
#### **YTD Summary**

The dashboard offers a comprehensive snapshot of an agency's incident volume, types, and responses. It aims to present the total incident volume for the current year. Additionally, it includes Quarterly and Yearly Incident Counts to show incidents within the current quarter and the past five full years, respectively. The dashboard further categorizes incidents by the inital and final NFIRS type. It also details the Total Incident Count, including canceled incidents, and breaks down incidents by Hour of Day and Day of Week. Users can refine their insights by filtering through various attributes, such as the Responding Station and the City of occurrence, to better understand the agency's performance throughout the year.

**This dashboard attempts to answer the question:** What is the volume of incidents for my agency this year?

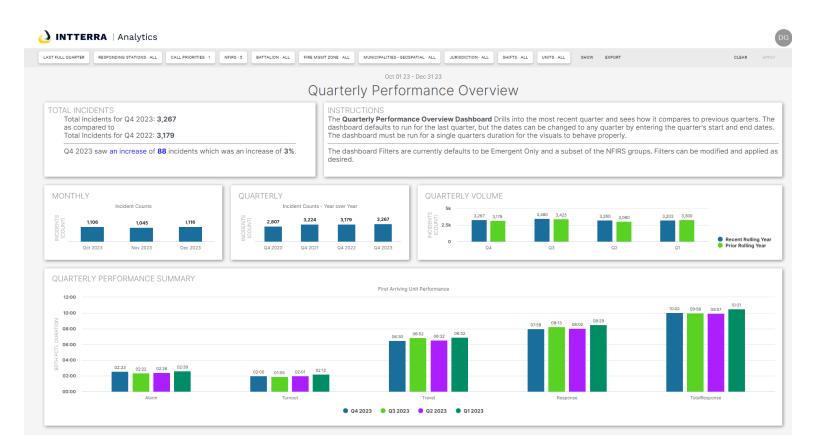




#### **Quarterly Performance Overview**

The Quarterly Performance Overview dashboard offers a clear comparison of the selected quarter against the three preceding quarters, as well as its year-over-year performance relative to the same quarter. By default, it analyzes the most recent complete quarter. However, users can modify the date range to examine any specific quarter of interest, with the stipulation that the chosen period fully encompasses a quarter.

**This dashboard attempts to answer the question:** How does the selected quarter's performance compare to the three previous quarters and the same quarter in the prior year?

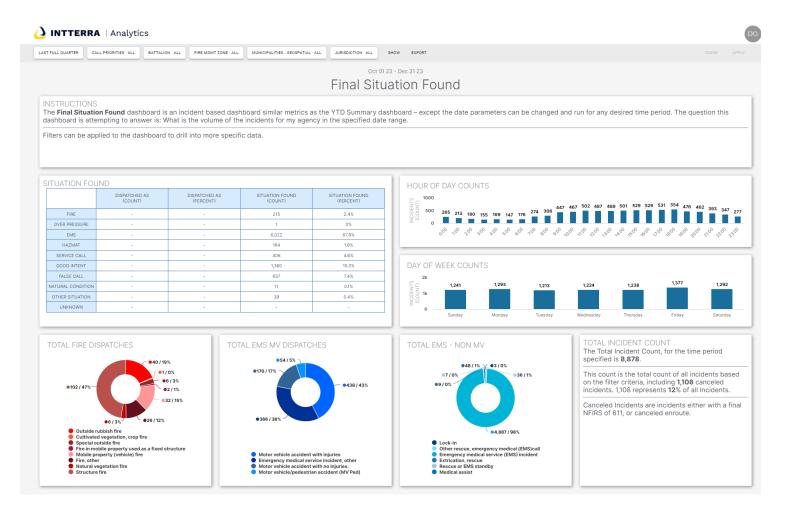




#### **Final Situation Found**

The Final Situation Found dashboard enhances the insights provided by the Year-to-Date Summary, offering the capability to analyze incident volumes over any chosen period. This dashboard categorizes incidents according to Initial and Final NFIRS codes, with an important caveat: not all RMS systems capture Initial NFIRS data. Further, it provides detailed analyses, including Hour of Day, Day of Week Counts, and Total Incident Count. The dashboard also breaks down incidents by Final NFIRS category, such as Total Fire Dispatches, EMS MV dispatches and EMS Non-MV dispatches.

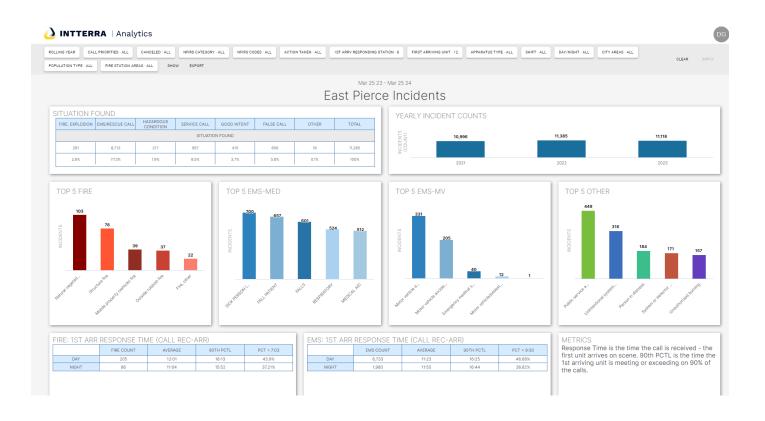
## **This dashboard attempts to answer the question:** What is the volume of the incidents for my agency in the specified date range?





### **Agency Incident Report**

While Intterra's Dashboard sit in the secure application and can only be accessed by users with logins, many agencies have a requirement to publish data to their constituents. This concise dashboard provides the ability to easily screen shot relevant data to the community to share in prentations, documents or external websites.

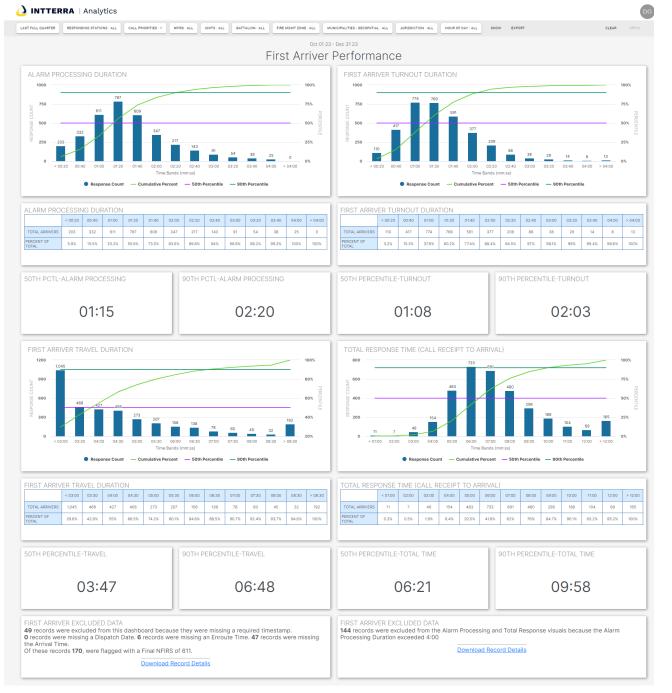




#### **First Arriver Performance**

The First Arriver Performance dashboard evaluates the response time to an incident for the first Arriver. The dashboard evaluates KPIs of Alarm Processing, Turnout, Travel, and Total Response Time. For Alarm Processing – this is the Alarm Processing time on the incident. For Turnout, Travel, and Total Response, the dashboard evaluates the performance of the First Arriving Unit.

# **This dashboard is attempting to answer the question:** How well are my first arriving units performing, and what is their performance at the 50th percentile and the 90th percentile?





#### **Unit Performance**

The Unit Performance dashboard offers a detailed analysis of response times for all units dispatched to incidents, focusing on Turnout and Travel times. It provides insights into the efficiency of each responding unit by measuring the interval between being dispatched and going enroute (Turnout), and the time taken from going enroute to arriving at the incident (Travel). The dashboard is equipped with customization options to exclude anomalies, such as response times that are too brief (0 seconds) or excessively long, ensuring accuracy and relevance. The dashboard illustrates how swiftly an agency meets the 50th and 90th percentiles in unit performance. This tracks the progress of the agency's response efficiency and identifies performance variances among units, spotlighting areas for potential improvement.

## **This dashboard is attempting to answer the question:** How well do specific units perform?

🕗 INTTERRA | Analytics DG ROLLING YEAR CALL PRIORITIES ALL APPARATUS TYPE ALL UNITS ALL ARRIVER TYPE ALL RESPONDING STATIONS ALL BATTALION ALL FIRE MOMT ZONE ALL MUNICIPALITIES - DEOBPATIAL ALL JURISDICTION ALL SHOW EXPORT Mar 25 23 - Mar 25 24 Unit Performance UNIT TURNOUT DURATION SUMMARY UNIT TURNOUT DURATION INCIDENTS 50TH PERCENTILE PCT < 1:20 BC11 01:12 58.08% 75% 54.52% BC13 67.7% 50% 25% 38.46% 25% 1 2 2 4 231 632 E611 359 02:55 12.5% 03:40 > 04:00 02:40 E6115 02:38 03:29 Time Bands (r Response Count - Cumulative Percent - 50th Pe 26.32% 17.65% < 00:20 00:40 01:00 01:20 01:40 02:00 02:20 02:40 03:00 03:20 03:40 04:00 > 04:00 MA101 01:16 02:08 TOTAL INCIDENTS 2,172 7,071 14,500 14,902 12,614 9,365 5,727 2,891 1,339 632 359 231 876 PERCENT OF TOTAL 32.7% 53.2% 70.5% 83.4% 91.3% 95.3% 97.1% 12.7% 98% 98.5% 98.8% 46.54% UNIT TRAVEL DURATION SUMMAR' UNIT TRAVEL DURATION 50TH PERCENTILE H PERCENTIL PCT < 4:00 23:39 BC1 75% 12 29.52% BC13 603 8k 50% 04:5 E6110 06:49 12:45 15.38% 25% 20% 21.43% E6115 0% - Cumulative Percent - 50th Percentile - 90th Percentile 41.67% Response Count MA101 08:02 44.86% 03:00 03:30 04:00 04:30 05:00 05:30 06:00 06:30 07:00 07:30 08:00 08:30 >08:30 05:14 11,698 5,718 6,311 6,045 5,522 4,797 4,092 3,406 2,649 2,237 1,792 1,463 8,646 PERCENT OF MA110 18.2% 27.1% 36.9% 46.2% 54.8% 62.3% 68.6% 73.9% 78% 81.5% 84.3% 86.6% 100% MA111 04:27 ITS OUTLIER TURNOUT AND TRAVEL DATA 13,779 records were excluded from one or more visuals on this dashboard because they were missing a 16 records were excluded from this dashboard because either their turnout or travel durations were outside d timestamp 1,784 records were missing an Enroute Time. 13,752 records were missing the Arrival Time. 5 records had a turnout duration exceeding 1 hour, 11 records had a travel duration exceeding 2 hours. Download Record Details Download Record Details



#### **Turnout & Travel Over Time**

The Turnout Travel Over Time dashboard offers a longitudinal view of performance across your stations, enabling a thorough analysis of how response times have evolved. This dashboard is optimized for evaluating trends over time, particularly when examining periods of three months or more. This dashboard is tailored for in-depth investigations into specific performance questions, such as the efficiency of engines responding to emergent incidents or identifying which stations excel beyond others. Filtering options, allow you to narrow down to the performance of individual units while still associating them with their respective stations. Despite this focus on detailed unit performance, the dashboard maintains a broader perspective by attributing results to the home station, thus keeping the analysis relevant to station-level performance improvements.

#### This dashboard is attempting to answer the question:

Is the performance of our stations, in terms of Turnout and Travel times, improving over time?

#### 🕗 INTTERRA | Analytics



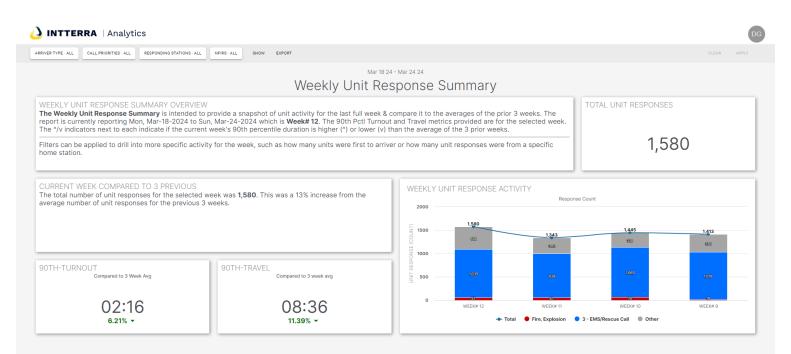


#### **Weekly Unit Response Summary**

The Weekly Unit Response Summary dashboard delivers an analysis of unit response activity, focusing on the most recent complete week and comparing it to the average activity over the preceding three weeks. This comparison aims to quantify the change in workload, offering insights into how the volume of incidents responded to varies over time. By evaluating all units dispatched within this time frame, the dashboard provides a overview of the agency's operational tempo.

Set to automatically define the week from the previous Monday to Sunday, this tool ensures consistency in reporting periods, allowing for a clear, week-over-week comparison of response volumes. Through this lens, emergency response organizations can gauge their recent activity against a short-term historical average, identifying trends, spikes, or declines in demand for their services.

This dashboard is attempting to answer the question: How busy were we last week relative to the prior weeks?





#### **Station Metrics**

The Station Metrics Dashboard provides a quick comparison of activity and performance across stations. The dashboard looks at both the units' response times as well as the performance of the first arriving unit from each station. By focusing on both the collective response of all units and the critical role of first arrivers.

**This dashboard attempts to answer the question:** How busy is each station, what types of calls are they responding to, and what is their response performance.

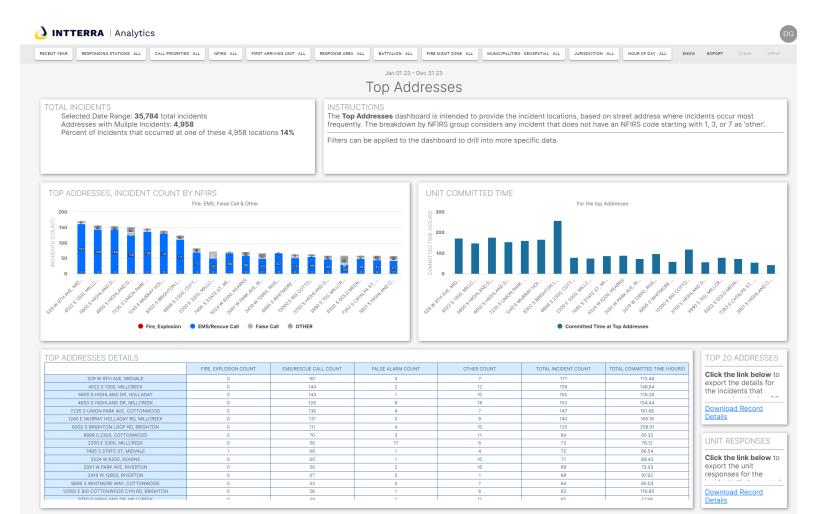
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			Feb 0	11 24 - Feb 29 24			
				on Metrics			
			Static	nivietrics			
EMERGENT INCIDENT RESP	ONSE PERFORMANCE			UNIT RESPONSE BY STATIC			
EMEROEINT INCIDENT RESP	90th percentile value	20		HOME STATION	TURNOUT (90%)	TRAVEL (90%)	
12:00	sour percentile value	55		101 - Millcreek	01:44	07:51	
				102 - Magna	01:52	08:32	
10:00				103 - Herriman 104 - Holladay	02:13 02:17	09:44 09:32	
				104 - Holladay 106 - East Millcreek	02:07	10:29	
08:00				108 - Brighton	02:07	11:16	
₩ 06:00				- 109 - Kearns	02:05	07:17	
F				110 - Cottonwood Heights	02:04	21:45	
04:00				111 - Magna	02:15	06:35	
				112 - Olympus	02:14	08:49	
02:00				113 - Snowbird	01:48	10:33	
00:00				115 - Copperton	02:49	19:10	
Call Processing	Turnout	Travel	Total Response	116 - Wasatch	01:58	26:49	
	Fire EMS/Re	SCIIP		117 - Taylorsville	02:15	09:32	
	- File - EM5/R8			118 - Taylorsville	02:00	08:37	
102 - Magna 103 - Herriman 104 - Holladay 106 - East Millcreek 108 - Brighton 109 - Kearns	74 84 177 86 60 213	2.9% 3.3% 7.0% 3.4% 2.4% 8.4% 4.8%		0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	77.0% 82.1% 76.8% 81.4% 96.7% 81.7% 85.2%	2.7% 2.4% 1.1% 1.2% 0.0% 1.4% 0.0%	
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#### **Top Addresses**

The Top Addresses dashboard is specifically designed to spotlight the locations within a community that experience the highest frequency of incident responses, offering critical insights into where emergency services are most often required. By listing the top 20 street addresses for incident occurrences, this tool provides a clear hierarchy of demand for emergency services, facilitating targeted strategies for resource allocation and preventive measures. Incidents based on NFIRS codes, with a special designation for incidents that do not fall under the codes starting with 1 (Fire), 3 (EMS/Rescue), or 7 (Hazardous Condition), categorizing these as 'other'.

**This dashboard is attempting to answer the question:** Where are units responding to most frequently, how much time is spent they and ultimately is there opportunity for ?community education?





#### **Commitment by Day**

The Commitment by Day dashboard offers a granular view of the daily commitments of units within a specified reporting period, tracking the time from when units are dispatched to when they are cleared from incidents. The dashboard allocates the committed time to each calendar day involved. This means that an incident lasting several days is accounted for as a separate incidenteach day it continues, providing a more accurate reflection of unit activity and commitment levels over time. Designed for optimal use with a concise selection of units (recommended less than a dozen) and a brief reporting window (ideally two weeks or less), the dashboard maintains clarity and effectiveness in its visual presentation under these conditions. While it can accommodate larger datasets and extended periods, the visual clarity may diminish, although the functionality remains intact. Many users find value in analyzing longer time frames, such as a year, and then exporting the data into Excel for more detailed monthly and annual analysis.

This dashboard is attempting to answer the question: Are certain units overutilized while others are underutilized?

#### 🕗 INTTERRA | Analytics LAST FULL WEEK CALL PRIORITIES - ALL APPARATUS TYPE - 1 UNITS - 421 ARRIVER TYPE - ALL RESPONDING STATIONS - ALL BATTALION - ALL FIRE MGMT ZONE - ALL MUNICIPALITIES - GEOSPATIAL - ALL JURISDICTION · ALL EXPORT Mar 18 24 - Mar 24 24 Commitment by Day INSTRUCTIONS The Commitment by Day dashboard looks at unit commitments (dispatched - cleared) for each day of the reporting period. For incidents that span 2 or more days, the committed time is allocated to the calendar day it was used. A single incident that spans, for example, 3 days, is counted as one incident on each calendar that that the unit was committed. The question this dashboard is attempting to answer is: Are certain units over utilized while others are under utilized. Filters can be applied to the dashboard to drill into more specific data. UNIT COMMITMENT BY DAY 100% 759 509 18.7 % 13.1 % 25% 14.8 % 15.2 % 18.4 % 19.3 % 16.8 % 15.8 % 15.3 % 15 % 13.4 % 12.5 % 14.9 % 121% 10.3 % 9.9 % 8.1 % 9.7 % 7.5 % 9 % 8.2 % 7.9 % 7.3 % 7.1 % 8.4 % 1.1 % 8.4 % 8.9 % 8.4 % 4.4 % 7 % 0.7 % 8.9 % 4.4 % 5.7 % 6.5 % 4.7 % 2:6 2.7 🕺 2:9 % 4 % ME108 ME112 ME113 ME116 ME117 ME118 ME125 ME126 ME101 ME124 ME251 ME123 ME119 UNIT COMMITMENT BY DAY LABELS COMMITTED TIME 1:48 1:30 6.3% 0:38 TOTAL INCIDENTS



#### **Concurrent Incidents**

The Concurrent Incidents dashboard is designed to assess the frequency and extent of overlapping incidents within a given timeframe, providing crucial insights into the simultaneity of incidents. By comparing the start and end times of incidents, the dashboard identifies instances where multiple incidents occur concurrently. Filters can be applied to the dashboard but the filters reduce all the data down to records that only match that criteria. For example, if you set Call Priorities to Emergent then the dashboard will only compare incidents that are emergent to concurrent incidents that are also emergent.

#### This dashboard is attempting to answer the question:

How often are incidents overlapping, indicating how many situations are occurring simultaneously?

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T FULL MONTH	CALL PRIORITI	S · ALL	APPARATUS	TYPE · ALL	BATTALION	N · ALL	FIRE MGMT ZONE	ALL	MUNICIPALI	TIES - GEOSPAT	IAL · ALL	JURISDICTION · ALL	SHOW	EXPORT		CLEAR A
											Feb 01	24 - Feb 29 24				
										Con	DUFFC	ent Incid	onto			
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CIDENT S	SUMMARY					INSTRU	ICTIONS									
Total Incident Count: 2,695 The Concurrent Incidents dashboard focuses on comp								imes of each incident with all of	her incidents happening on th							
Concurrent Incident Count: 2,634 Non-Overlap Incident Count: 61 Same day, looking for overlaps in timing that indicate si The question this dashboard is attempting to answer is						e simultaneous	occurrer	ices.								
						er is: How often	are incid	ents overlapping, indicating	how many situations are occur	ring simultaneously?						
						Filters c	an be applie	d to tl	he dashb	oard but	the filte	rs reduce all the	data do	wn to records that only ma	tch that criteria. For example, if	you set Call Priorities to Non-
														t to concurrent incidents th		
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400														START TIME	END TIME	NUMBER OF CONCURRENT INCIDEN
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												UF24-02		2024-02-01 06:16:46.000	2024-02-01 07:16:38.000	3
ONCURRI	ENT INCIDI	INTS										UF24-02		2024-02-01 06:20:10.000	2024-02-01 07:11:41.000	3
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ICIDENT COUN	T 61	194	286	323	334	299	244	191	198	133	432	2409001		2024-02-01 06:58:59.000	2024-02-01 07:32:52.000	4
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FERGENT	2.20%	1.276	10.01%	11.99%	12.39%	11.09%	9.05%	1.09%	7.35%	4.94%	10.03%	UF24-02		2024-02-01 07:33:12.000	2024-02-01 08:05:55.000	2
												UF24-02		2024-02-01 07:48:50.000	2024-02-01 08:35:27.000	3
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