

 **Rocket** software

Rocket® TMON™ for IMS™

Performance monitoring and
management of IBM® IMS™
TM/DB



Overview

TMON for IMS greatly improves overall business application performance by proactively managing IMS critical resources. It provides vital insight and equips staff to quickly resolve complex IMS issues before they become bigger problems. The results are optimized end user response times and maximized IMS application availability.

Quickly resolve business service issues related to IMS

TMON for IMS enables businesses to quickly pinpoint the root cause of problems stemming from IMS systems, databases, and applications. It offers real-time monitoring features for the health of your entire IMSplex enterprise and provides rapid problem analysis and resolution. Potential problems appear on a screen that identifies and graphically displays critical resource status and exceptions.

```
Jobname: TSSI35T      Thread Summary      Date: 12/12/24
Subsys : IFAS        Time: 14:04:18
Command:              cycle: MMSS

Lines: 1 to 14 of 138      FA=Y      Sort Col: NS Seq: A      > 1
Line Command: S=Select M=Menu C=Cancel
Job_Name Thrd Regn Sched Tran PSB Tran PSB DB IMS Tot IMS Regn
Type Nbr Status Rate Rate Total Total I/Os Calls CPU_Time Occ%
```

Job_Name	Thrd Type	Regn Nbr	Sched Status	Tran Rate	PSB Rate	Tran Total	PSB Total	DB I/Os	IMS Calls	Tot CPU_Time	IMS Occ%
IFASM1	PWFI	136	WTIMsg	0.0	0.0	15.1K	125	37.2K	371K	6.386	0.1
IFASM1	PWFI	120	WTIMsg	0.2	0.0	14.1K	63	43.5K	449K	6.386	0.0
IFASM1	PWFI	115	WTIMsg	0.0	0.0	12.6K	89	22.2K	287K	6.386	0.0
IFASM1	PWFI	111	WTIMsg	0.6	0.0	12.7K	145	29.1K	431K	6.386	0.1
IFASM1	PWFI	110	WTIMsg	0.0	0.0	13.1K	110	40.6K	400K	6.386	0.0
IFASM1	PWFI	74	WTIMsg	0.0	0.0	12.9K	119	19.4K	352K	6.386	0.0
IFASM1	PWFI	63	WTIMsg	0.2	0.0	13.7K	129	19.6K	421K	6.386	0.1
IFASM1	PWFI	43	WTIMsg	0.0	0.0	13.3K	97	36.1K	342K	6.386	0.0
IFASM1	PWFI	27	WTIMsg	0.6	0.0	11.1K	73	30.6K	284K	6.386	0.0
IFASM1	PWFI	19	WTIMsg	0.6	0.0	10.8K	102	18.3K	251K	6.386	0.0
IFASM13	PWFI	117	WTIMsg	0.6	0.0	15.7K	506	49.2K	421K	9.130	0.1
IFASM13	PWFI	70	WTIMsg	0.0	0.0	17.0K	472	42.6K	362K	9.130	0.0
IFASM13	PWFI	102	WTIMsg	0.4	0.0	17.4K	350	52.2K	459K	9.130	0.0
IFASM13	PWFI	47	WTIMsg	0.2	0.0	16.9K	406	60.2K	431K	9.130	0.1

Help Information = PFI D-TS4818 QAPI35V PF Key Assignments = PAI

TMON for IMS provides the status of IMS threads and a summary of all IMS resources being used.

Features and benefits

- Improves application availability.
- Provides real-time and historical performance monitoring.
- Isolates problems rapidly.
- Monitors and manages by user-defined exceptions and offers alerts, actions, and messages.
- Audits active data threads across datasharing groups system-wide.
- Simplifies monitor administration by automatic discovery of changes in IMS subsystems.
- Analyzes and provides insight on resource contention.
- Supplies robust application and performance analysis tools along with online and batch reporting.

Comprehensive Performance Analysis and Reporting

Analysis and reporting are essential for the validation of service levels and the improvement of application performance. TMON for IMS includes easy-to-use navigation and features for performance analysis and reporting through real-time access to critical metrics. It also leverages historical collected logs to look at the history of performance.

These features help meet service-level objectives through real-time access to data, the visualization and correlation of metrics, and historical reporting. Through online and batch reporting for problem analysis, performance measurement, capacity planning, and chargeback, TMON for IMS equips staff with the information necessary to successfully meet the performance and availability demands of dynamic application environments.

```

Jobname: TSS135T      Message Analysis      Date: 12/12/24
Subsys : IFA5        Time: 14:07:39
Command:             cycle: MMSS

DISP= 0013  SCAN= 1000
Lines: 1 to 13 of 13  FA=Y  Sort Col: NS Seq: A
Line Command: S=Select M=Menu
C Name      User      IMS  DB  Sched  Serve  Date  Msg  End  Resp  NBA
              Name     Calls I/O  Time  Time  /     /    Time count
-----
- DSFFSC6H  DSW05159  7    2  0.000  0.002  2024/12/12-14:07:37  0.002  0
- DSFFPS2I  DSW05074  38   0  0.000  0.002  2024/12/12-14:07:37  0.002  0
- DSFFPS2C  DSW05116  38   7  0.000  0.005  2024/12/12-14:07:37  0.005  0
- DSFFPS3C  DSW05008  45   0  0.000  0.001  2024/12/12-14:07:37  0.002  0
- DSFFSC6F  DSW05120  7    3  0.000  0.002  2024/12/12-14:07:37  0.002  0
- DSFFSC6H  DSW05010  7    2  0.000  0.001  2024/12/12-14:07:37  0.001  0
- DSFFPS3G  DSW05019  45   1  0.000  0.002  2024/12/12-14:07:37  0.002  0
- DSFFPS2H  DSW05178  40   0  0.007  0.032  2024/12/12-14:07:37  0.040  0
- DSFFPS2K  DSW05113  38   7  0.000  0.004  2024/12/12-14:07:37  0.004  0
- DSFFHR2H  DSW05168  11   5  0.005  0.039  2024/12/12-14:07:38  0.045  0
- DSFFOE2D  DSW05161  8    1  0.000  0.002  2024/12/12-14:07:38  0.002  0
- DSFFOE4D  DSW05161  21   5  0.000  0.004  2024/12/12-14:07:38  0.004  0
- DSFFOE5A  DSW05129  21   1  0.000  0.004  2024/12/12-14:07:38  0.005  0
    
```

TMON for IMS reports performance by interval for CPU utilization, service times, and response times to meet SLAs.

```

Jobname: TIMYK35      Trans Performance Summary      Date: 12/12/24
Subsys : IFSA        Time: 14:09:15
Command:             cycle: MMSS

TIMS35002W - No data records for one or more entries
Range: 2024/12/12-13:55      Recs: 13      _No-Filter
To: 2024/12/12-14:09      _Actual
Lines: 1 to 13 of 14  FA=Y  Sort Col: NS Seq: A
Thru  Trans  CPU  Response  Service  Schedule
Time  count  Time  Time(Avg)  Time(Avg)  Time(Avg)
-----
13:56  3      0.001083  0.001599  0.001075  0.000320
13:57  3      0.001058  0.001428  0.000974  0.000281
13:58  3      0.001056  0.001789  0.001118  0.000368
13:59  3      0.001162  0.001802  0.001376  0.000284
14:00  3      0.001040  0.002005  0.001119  0.000593
14:01  3      0.001081  0.001523  0.001053  0.000282
14:02  3      0.001061  0.001646  0.001174  0.000293
14:03  3      0.001087  0.001533  0.001089  0.000259
14:04  3      0.001067  0.001546  0.001047  0.000271
14:05  3      0.001100  0.001561  0.001042  0.000321
14:06  3      0.001095  0.001609  0.001094  0.000289
14:07  3      0.001092  0.001669  0.001102  0.000333
14:08  3      0.001034  0.001392  0.000929  0.000293
    
```

TMON for IMS provides IMS history to drill down to each transaction to identify potential problem(s).

Supported Environments/
Platforms/Operating Systems

- IBM® mainframe z/OS®.
- IMS TM/DB/FastPath.
- IMS OTMA, CQS, ESAF (IBM Db2®, MQ).
- Rocket NaviPlex.

Supported Databases

- IBM IMS.

Resources

- [Rocket TMON One](#)
- [NaviPlex](#)

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About Rocket Software

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