



# Flowmon APM Models Specification

Valid from 18.02.2022



Flowmon APM	Lite	Standard	Business	Corporate	Enterprise	Ultimate
	FP-APM-L	FP-APM-S	FP-APM-B	FP-APM-C	FP-APM-E	FP-APM-U
Transactions per minute	1 500	7 500	15 000	30 000	60 000	120 000
Supported applications	HTTP/ HTTPS	HTTP/ HTTPS	HTTP/ HTTPS	HTTP/ HTTPS	HTTP/ HTTPS	HTTP/ HTTPS
Supported databases	-	-	MSSQL, Oracle, PostgreSQL, MySQL/MariaDB	MSSQL, Oracle, PostgreSQL, MySQL/MariaDB	MSSQL, Oracle, PostgreSQL, MySQL/MariaDB	MSSQL, Oracle, PostgreSQL, MySQL/MariaDB
Correlation of transactions web/database	NO	NO	NO	YES	YES	YES
Chrome add-on	NO	YES	YES	YES	YES	YES
Licensed probes	1	2	4	8	8	8
Monitoring ports	1G	1G	1G/10G	1G/10G	1G/10G	1G/10G

**Number of transactions per minute** is maximum number of transactions recorded by Flowmon APM for defined number of unique transactions. The declared performance applies up to 5 000 unique transaction aggregations. All additional transactions (above the maximum) are ignored. Number of applications is not limited by the license. For APM-E and APM-U high performance Collector models using RAID 10 or SSD discs are recommended to achieve declared performance.

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**Note: Aggregation is used to merge similar transactions into one. If the transactions are identified by URLs, for <.../products/product1> and <.../products/product2> it is one unique aggregation for aggregation rule “/products”. If the aggregation rule was “/products/product\*” the transactions would be recognized as two unique aggregations.**

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**HTTPS traffic** is possible to monitor under specific conditions. A private key must be inserted in APM from the server where the encrypted connection is terminated. Technically, only connection using the RSA algorithm for the exchange of encryption keys can be decrypted. It is not possible to decrypt traffic if DH/ECDH algorithms (Diffie-Hellman, Elliptic Curves) are active. PEM (.pem, .key), DER (.der) and PFX (.pfx, .pkcs12, .p12) SSL key formats are supported.

**Number of licensed probes** can be increased by purchasing license for additional probe. For more information see Flowmon Price List for end users.

**Flowmon APM** can be deployed on all hardware probes except IFP-100000PRO-QSFP28 and IFP 200000PRO QSFP28.

**Flowmon APM** can be deployed on all virtual probe models.

Flowmon APM also includes component **Flowmon APM TG** (Transaction Generator), which provides automated testing and availability monitoring of your business critical applications. Flowmon APM TG generates transactions to simulate user behavior, measures application responsiveness and reports on SLA. The module provides with automated application testing to check the availability, proper functionality and response of customers HTTP and HTTPS applications. Flowmon APM TG is **available at no extra cost** for all our customers.

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