



JI Technology – Private Network Monitor

Private Network Monitoring, Management & Status

JITsvrMON

JI Technology

Founded in 2008 to provide solutions and business development for MNO, MVNO, System Integrators & Service Providers, these solutions include charging, messaging, gateway applications and service control solutions. Our current & past engagements include Prepaid, Loyalty, Multi Payment Channel service, IOT, SMS gateways, 4G/5G core for Private Networks/MNO/MVNO, Fintech consulting & others.



PRIVATE 4G & 5G EPC

Complete 4G/5G EPC for Enterprise, integrators and service providers using a common core for both 4G and 5G radios



DEVICE CONTROL

1st layer of security for Private Networks by controlling access using IMEI and IMSI



BESPOKE SOLUTIONS

Competitive & agile. Presales through delivery



HIGH AVAILABILITY

Monitor applications and handle multiple failure scenarios to support redundancy and disaster recovery

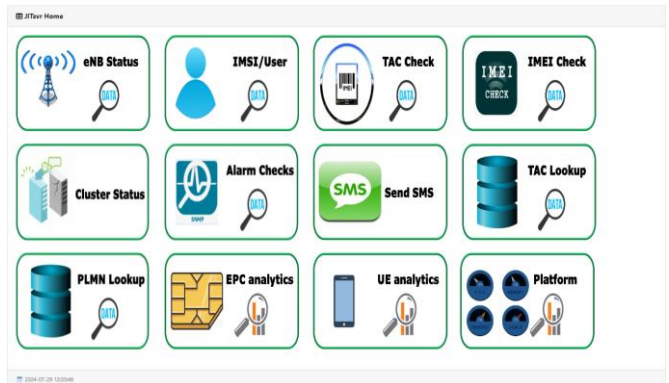
Private 4G/5G Network Status and application monitoring

Monitoring the status a private mobile network is crucial for maintaining optimal performance, ensuring security, and minimizing downtime. By providing real-time insights into application health, these tools enable organizations to promptly identify and address issues before they escalate, thereby enhancing reliability and user experience. Continuous tracking helps detect potential security breaches, allowing for immediate responses to mitigate risks. Additionally, real-time monitoring supports proactive maintenance and resource management, which can lead to cost savings and improved operational efficiency. Ultimately, vigilant monitoring supports the seamless operation of critical applications, safeguarding both data integrity and business continuity.

Why JIT Druid Core Monitoring?

Integrated with the Druid 4G/5G core to use the query for operational level information based on IMSI and eNB/gNB

- The Druid Raemis core itself has 1000's of parameters and settings can be fine turned during the installation / verification processes. For a day-to-day monitoring and management operation, a more user friendly at a glance snapshot approach is needed to understand the status of the live private network
- One glance snapshot to understand what is working
- One glance snapshot to determine attached Devices and active Radio's
- SNMP Alarms
- Simple Block/Unblock a user approach
- This tool auto-syncs with the Raemis Core. It is not necessary to provision any information via the JIT GUI





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IMSI & IMEI Access Control List

smart_filter Attach sts IMSI List Group: IMSI: IMEI: Name: MSISDN:

10 rows per page Result String Search:

IMSI	Enabled	IMEI	MSISDN	Name	Status	PRT	Group ID	eNB	IP/APN	created	Del
44190000011500	<input checked="" type="checkbox"/>	350590670207170	276695	Aquos4	1	1	Shibuya-MME	44190-2222	10.254.0.60 / *, 10.255.0.6 / ims	2024-07-25 16:54:56	2 min <input type="button" value="Del"/>
441900000000023	<input checked="" type="checkbox"/>	861917050839698	276686	JACS#1	1	1	Shibuya-MME	44190-2222	N/A / N/A	2024-07-25 16:54:56	3.8 Days <input type="button" value="Del"/>
441900000000022	<input checked="" type="checkbox"/>	004401116870342	276685	Sharp#2	1	1	Shibuya-MME	44190-2222	N/A / N/A	2024-07-25 16:54:56	3.8 Days <input type="button" value="Del"/>
441900000000021	<input checked="" type="checkbox"/>	004401116870078	276684	Sharp#1	1	1	Shibuya-MME	44190-2222	N/A / N/A	2024-07-25 16:54:56	3.8 Days <input type="button" value="Del"/>
44190000011585	<input checked="" type="checkbox"/>		0111585	eSIM_11585	0	1	Shibuya-MME		10.254.0.14 / *	2024-07-25 16:54:56	3.8 Days <input type="button" value="Del"/>
44190000011573	<input checked="" type="checkbox"/>		0111573	eSIM_11573	0	1	Shibuya-MME		10.254.0.15 / *	2024-07-25 16:54:56	3.8 Days <input type="button" value="Del"/>
44190000011540	<input checked="" type="checkbox"/>		0111540	eSIM_11540	0	1	Shibuya-MME		10.254.0.16 / *	2024-07-25 16:54:56	3.1 Days <input type="button" value="Del"/>
44190000011595	<input checked="" type="checkbox"/>		0111595	eSIM_11595	0	1	Shibuya-MME		10.254.0.17 / *	2024-07-25 16:54:56	3.1 Days <input type="button" value="Del"/>
44190000011543	<input checked="" type="checkbox"/>		0111543	eSIM_11543	0	1	Shibuya-MME		10.254.0.20 / *	2024-07-25 16:54:56	3.1 Days <input type="button" value="Del"/>
441900000000024	<input checked="" type="checkbox"/>	353554110420097	276687	JACS#2	1	1	Shibuya-MME		10.254.0.21 / *	2024-07-25 16:54:56	3.1 Days <input type="button" value="Del"/>

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2024-07-29 12:04:54

Druid Raemis 4G/5G core Status

The JITsvrMON framework now supports the Druid Raemis Core. This JITsvrMON allows monitoring/management of the Raemis core for Day to Day operations. For advanced tuning and provisioning, the Raemis GUI itself is still used. Through the JITsvrMON a staff can quickly perform the following type of operations

- Confirm the overall network/cluster status at a glance
- Check IMSI Provision vs IMSI Attached
- Quickly determine IMSI attached
- Quickly determine the eNB/gNB connected and which IMSI are attached to each eNB/gNB
- Check for SNMP Alarms and status
- Quickly disable/enable individual users
- Auto-Resync to the Raemis Core if new IMSI and/or gNB are provisioned
- Check audit history for any changes made via the JITsvrMON GUI
- Quick Links to other JIT Analytics GUI
- If using JITsvrHA, perform manual failover, support for pausing failover monitoring
- Send Broadcast SMS to All users, individual users, Users attached to specific eNB/gNB
- Easy to extend to include other Day-to-Day Raemis operational type scenarios
- Visit us at <http://www.jitechnology.com>

