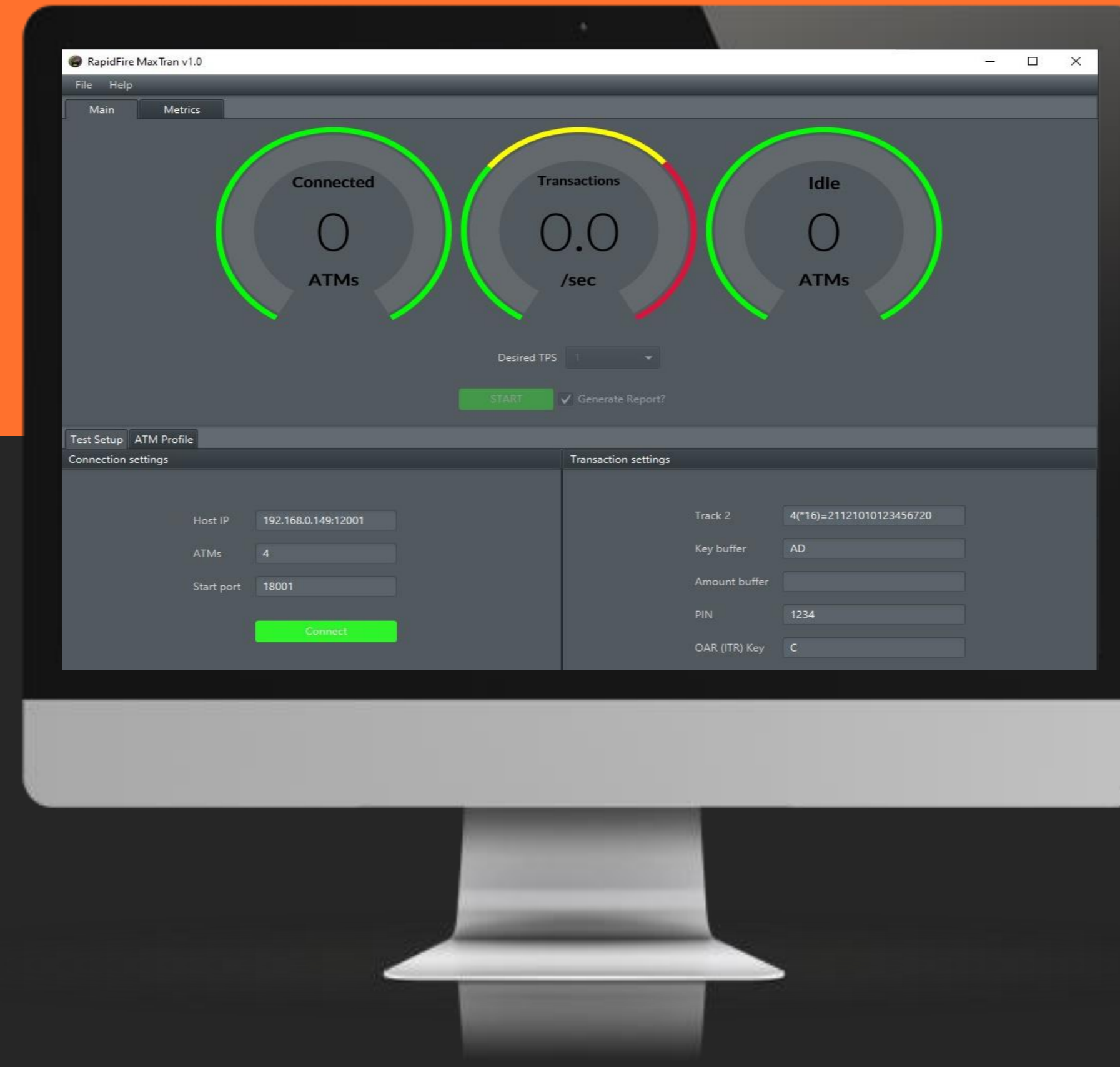# RapidFire ATM MaxTran

ATM & Network performance testing tool

What is RapidFire MaxTran

A product of the RapidFire suite

Network stress testing tool

Effortlessly run preconfigured ATM stress tests at the touch of a button

Full ATM Transaction Emulation

Built on the core of Afferent's industry benchmark ATM NDC simulator

Realtime metrics

Both primary and secondary dashboards provide realtime insight into network performance

Comprehensive reporting

In addition to realtime monitoring, MaxTran can optionally produce detailed PDF based test reports

RapidFire MaxTran v1.0

File   Help

Main   Metrics

Connected
0
ATMs

Transactions
0.0
/sec

Idle
0
ATMs

Desired TPS   1

START   ✓ Generate Report?

Test Setup   ATM Profile

Connection settings

Host IP   192.168.0.149:12001
ATMs   4
Start port   18001

Connect

Transaction settings

Track 2   4(*16)=2112101012345 6720
Key buffer   AD
Amount buffer
PIN   1234
OAR (ITR) Key   C

Features

Configurable host settings

Including IP and port range (for multiple ATM connections)

Optional Secure Sockets Layer (TLS / SSL) connectivity

Transaction configuration

Configure transaction Track 2, key buffer, Amount buffer, Clear PIN and optional OAR / ITR interaction responses

ATM profile configuration

Custom Terminal Master Key (TMK / KEK) and Cassette configuration

Multiple dashboards

Realtime data analytics includes connected ATM count, idle ATM count and current target TPS

Secondary dashboard includes TPS over time, Ave Transaction time, rolling Ave Max / Min / Ave TPS

Selectable TPS target

Select number of ATMs to emulate and target TPS

Reporting

Comprehensive reporting includes Number of Transaction processed, Total test time, Max / Ave Min Transaction time, Average TPS

Typical test process

Setting up a basic stress test

01 Configure connections

Configure host IP (incl SSL), number of ATMs required, port range

02 Configure transaction

Configure test Track 2, key / op code buffer, amount buffer (if required), clear PIN and any OAR / ITR responses required

03 Configure ATM profile

Configure ATM cryptographic and cassette information, as required

04 Connect to host

Hit connect and wait for ATM cores to spawn and connect to the host. Each core will accept a full download if required

05 Start test

Select target TPS, select report options as required and start test

06 Track metrics

View realtime test metrics on primary or secondary dashboard, and / or via test report

Get in touch or contact us for a demo!

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