

# Scale Out with the vMX

## Meet Your Business Demands with the vMX!

The vMX is a virtual MX Series 3D Universal Edge Router that runs on an x86-based server.

The SDN-ready vMX is powered by Junos OS and a virtualized programmable Junos Trio chipset that maintains feature and operational consistency with the entire MX Series 3D portfolio, and is supported by the same management and automation tools.

Physical or virtual MX—the choice is yours.



## vMX—With a Virtual Router You Can Scale Out Features

### Benefits

Decrease your shipping time—it's a software download—and increase network capacity while extending network services.

Streamline network services introduction and management. Now you can quickly add or repurpose servers—and you can even use your existing MX configurations!

Test new services, verify, and customize configurations, all in a flexible, virtual test bed. Then deploy the configuration into your production environment. Fast. Easy. Low risk.

Quickly deploy services and mitigate risks in new markets with uncertain financial forecasts. It's just software.

### Tips

Use the vMX for short-term deployments such as political or sports events, even disaster recovery situations.

Reduce lab costs and move your physical lab routers onto a server.

Have to travel? Monitor and validate your cutover on your laptop before you get there.

Maintain a virtual scale model of your network. Train employees on the real thing without the risk.

Test a new idea in minutes rather than months.

Show off a working suite of new services right in the boardroom without impacting the operational network.

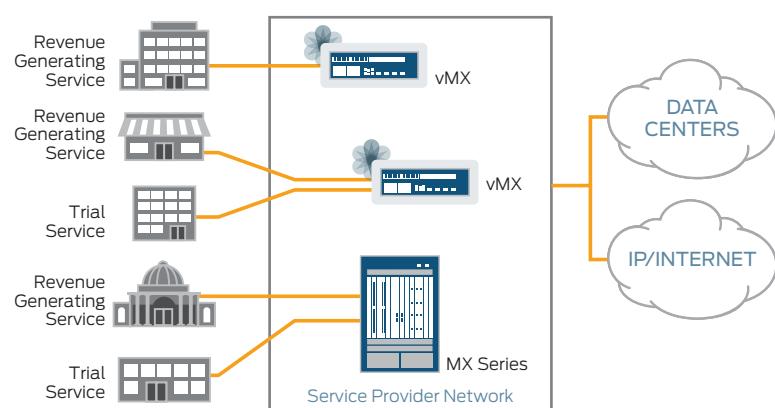
$$vMX = \text{truck} \otimes \text{clock} \otimes \text{wrench} \otimes \text{dice} = \$ = \text{smiley face}$$

## vMX—Rapidly Scale Out Your Provider Edge

Accelerate your time-to-market in:

- Provider Edge, Broadband Network Gateway, Enterprise WAN routing and other applications in low-bandwidth, low-density locations.
- Remote locations that are difficult for technicians to reach.
- New markets, new branch offices, or new territories.
- Market opportunities you want to test in a fast-fail mode.

vMX for Scale Out, MX for Scale-up. Same Services, Same Operations.

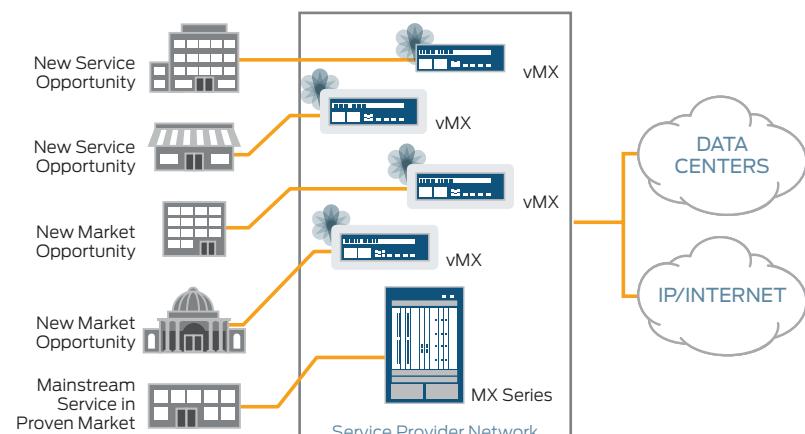


## vMX—Rapidly Scale Out Your Services Edge

Simplify how you deliver and manage service offerings by dedicating a vMX instance per customer:

- Dedicate a vMX instance per customer to maintain customized service-level agreements (SLAs) and decrease downtime.
- Provide highly efficient, multi-tenant, low-bandwidth services.
- Make customized services quickly available.

vMX for Innovation and New Opportunities, MX for High Performance at Scale.



vMX Getting Started Guide

TechLibrary: Overview of vMX; describes how to install software and how to deploy.



vMX 3D Universal Edge Router

Data sheet: Overview of the product, including architectural and key components, as well as features and benefits.



Virtual Revolution. Real Profits.

CIO Overview: How Juniper's High-IQ Network architecture embodies three fundamental principles—scale, create, and automate.



vMX an Engine for Innovation

Solution Brief: How vMX can help your business provide personalized and customized services to customers.



Virtualization to Transform Service Provider Business and Operational Economics

White Paper: How virtualized edge routing and NFV can help service providers.



How to Think Outside the Box

Web Page: Provides resources to learn more about virtualization, vMX, DevOps, and Contrail Cloud Platform.

## DAY ONE POSTER

### Scale Out with vMX

Juniper Networks Information and Learning Experience (iLX)

[www.juniper.net/posters](http://www.juniper.net/posters)