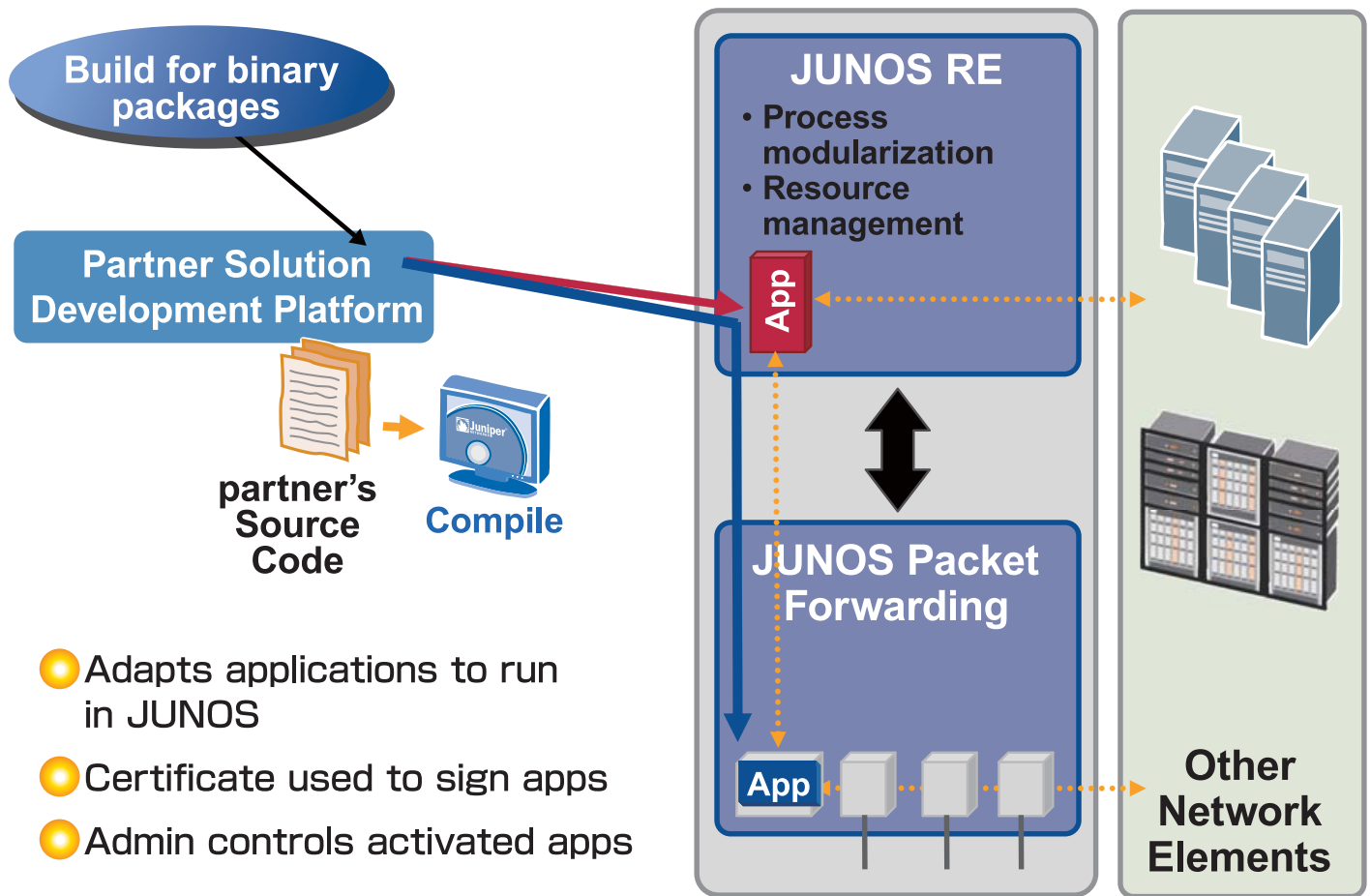# JUNOS SDK Development Process

Routing Engine (RE)

- Routing and control functions
- Slow path packet processing
- User interface extension

Build for binary packages

Partner Solution Development Platform

partner's Source Code

Compile

JUNOS RE
- Process modularization
- Resource management

App

JUNOS Packet Forwarding

App

Other Network Elements

- Adapts applications to run in JUNOS
- Certificate used to sign apps
- Admin controls activated apps

MultiServicePIC

- Fast packet processing

The Partner Solution Development Platform

Accelerating the pace of industry innovation

PSDP

- Allows 3rd party apps to run on or integrate with JUNOS

- Enables developers to integrate the unique expertise of others with JUNOS software advantages

- Accelerates innovation for the delivery of revenue-generating services and improved productivity

Integrates the unique value and expertise of others with JUNOS software advantages

CODE Partner's Source Code

↓

Partner Solution Development Platform NEW

↓

Application

JUNOS™