RADIATOR CARRIER PRODUCTS
COMPLETE SUITE OF CARRIER CLASS AAA SOLUTIONS
Radiator Carrier Products

Radiator is the AAA software for carriers who want the power and flexibility to
• Deal with the challenges posed by technological development
• Adapt to the needs of constantly changing business environment
• Meet the needs of end-users

This unique flexibility has prompted our customers to call Radiator the Swiss Army knife of AAA servers.

To serve our customers even better, we have introduced new carrier-class Radiator AAA server software: Radiator Carrier Pack. It provides the base for carrier-class AAA software for both RADIUS and Diameter interfaces and contains features that allow you to flexibly implement your business logic in your infrastructure. And – as is the case with any Radiator product – Radiator Carrier Pack has proven multi-vendor support.

To answer your specific needs and to serve a variety of use cases, Radiator Carrier Pack has been integrated into the following Radiator carrier-class products:

RADIATOR SIM PACK
RADIATOR TELCO PACK
RADIATOR GBA/BSF PACK

With these carrier-class products, you can build a solution based on the needs of your customers – on your own or with the help of the Radiator team and our system integrator partners.
RADIATOR CARRIER PRODUCTS

Radiator Carrier Pack is the AAA server software for carriers who want the power and flexibility to meet the needs of the constantly changing technological environment.

- Provides carrier-class AAA functionality for both RADIUS and Diameter, including advanced Radiator Diameter server software and Diameter relay application
- Enables in-house Diameter application development – you can implement your business logic into your existing network infrastructure, on your own or with the help of the Radiator team

RADIATOR SIM PACK

Radiator SIM Pack is the key component for seamless data and voice roaming authentication between mobile and Wi-Fi networks that use SIM credentials. Radiator SIM Pack provides all the functions required of a 3GPP AAA server – it has all you need for VoWiFi authentication.

- Provides standalone support for the EAP-SIM, EAP-AKA and EAP-AKA' protocols
- Supports HSS and HLR interfaces

RADIATOR TELCO PACK

Radiator Telco Pack provides Diameter support for policy control and other telecom functionalities and allows you to integrate your business logic into your desired solution. With Radiator Telco Pack, you can create policy and control functions to implement different data plans for your infrastructure – both in LTE and WiFi networks.

- Extends Radiator by allowing direct connections to your 3GPP infrastructure through Diameter interfaces (such as Gx, Gy and Gz) commonly used in telecommunication systems
- Examples of use include Wi-Fi offloading, integrating Diameter online and offline charging with RADIUS-based infrastructure, and integrating RADIUS accounting with Diameter online and offline charging

RADIATOR GBA/BSF PACK

Radiator GBA/BSF Pack provides seamless authentication for your VoLTE Supplementary Services, such as voice and video call forwarding and knocking.

- Enables extending SIM authentication to operator WWW services, and allows you to provide services across operators, including virtual ones, as SIM authentication itself includes authentication federation support
- Works as an authentication proxy between the UE and HSS by authenticating user requests and separating the authentication procedure and the application-specific server (AS) logic to different logical entities
- Includes authentication proxy (NAF/AP) that supports the Ut (XCAP) interface
Carrier class authentication with Radiator

With Radiator, you can have carrier-class authentication solutions for your infrastructure – ranging from VoWiFi to advanced VoLTE authentication.

The introduction of Wi-Fi calling (VoWiFi) has placed demands on operators to increase their indoor coverage to provide better voice coverage for their subscribers. Operators are also using VoWiFi to offer new voice models for roaming and non-roaming services. New generation devices support automatic SIM authentication, and end-users do not have to know whether they are connected to a LTE or WiFi network. Radiator provides the essential components for VoWiFi authentication with Radiator SIM Pack that includes a fully functional 3GPP AAA server.

When you combine Radiator SIM Pack with Radiator Telco Pack that provides Diameter support for policy control and other telecom functionalities, you can also integrate more business logic into your infrastructure. With Radiator Telco Pack, you can use policy and control functions to implement different data plans for your LTE and WiFi networks, for example. Radiator integrates with all your evolved packet core and WiFi network elements via 3GPP interfaces.

To further enhance your services, you can include Radiator GBA/BSF Pack to provide seamless authentication to VoLTE Supplementary Services. With Radiator GBA/BSF Pack, your end-users are authenticated to use VoLTE Supplementary Services (such as call forwarding and call waiting) without the need to switch between networks or use extra usernames and passwords. GBA also allows you to extend SIM authentication to all operator WWW services.

You have all your carrier-class authentication needs covered with Radiator carrier-class products.

All Radiator products, including the carrier products, are available directly from Radiator team or from our resellers in over 50 countries around the world. Please see www.open.com.au for details. Our resellers also provide consultation and integration services for carriers.

Global support is provided by own engineers of the Radiator team with extensive experience in software and telecommunications engineering. Local consultation and support services are available both from Radiator and our partners in over 50 countries. We are happy to assist you both remotely and on-site.

If you are interested in the Radiator Carrier Product Line products, please do not hesitate to visit our website at open.com.au or contact us at info@open.com.au.

Radiator AAA Server Software is a well-known and established AAA software platform for building mission-critical RADIUS and Diameter-based authentication, authorisation and accounting infrastructure for operators, service providers, large enterprises, and organisations.

Thousands of active customers, ranging from single hotels to global operators, in over 180 countries rely on Radiator every day. Radiator is an OEM component in hundreds of mobile networks and more than 50% of the largest 25 mobile operators in the world use it. Also dozens of Top 100 enterprises and universities use Radiator in their AAA infrastructure.