RADIATOR AAA SERVER
YOU HAVE ALREADY USED IT

Radiator™ is reputably the Swiss Army knife of AAA servers. It is the leading solution for authentication, authorisation, and accounting (AAA). Radiator allows you to control access to your wired and wireless networks comprehensively and efficiently. Thousands of companies and organisations – large and small – around the world use Radiator for user management.

Radiator provides RADIUS, Diameter, and TACACS+ AAA interfaces with backends ranging from simple files to a carrier-grade 3GPP Diameter infrastructure. It supports a wide range of EAP authentication methods, including EAP-MD5, EAP-TLS, EAP-TTLS, and EAP-PEAP.

INTEROPERABLE
Radiator adjusts to your infrastructure. There is no need to make any changes to the existing infrastructure, which saves both time and money.

Radiator is completely vendor independent. It works smoothly with devices and services from different vendors and incorporates data from multiple sources. This makes Radiator an excellent choice for:
- supporting both existing and future requirements in evolving multi-vendor networks
- extending existing networks according to regulatory requirements
- merging network infrastructures after mergers and acquisitions

EXTENDABLE
Radiator is modular by design. You can easily expand it to support new authentication methods and sources, ensuring that it stays up to date with the latest advancements in authentication, authorisation, and accounting.

Radiator is highly configurable. It comes with a comprehensive collection of ready-to-use configuration examples. If you have any special requirements, you can even write your own modules – quickly and without compromising performance.

**You can complement Radiator with two fully compatible extension packs:**
- Radiator SIM Pack for SIM authentication, authorisation, and accounting
- Radiator Diameter Pack for connecting directly to a 3GPP infrastructure

SECURE
Radiator is the only commercial AAA server delivered with full source code. You can audit, diagnose, and extend the source code yourself.

Radiator is a well-established and trusted solution. Operators, carriers, large enterprises, and organisations – including many security-oriented ones – use it globally as a mission critical AAA component.

Have you ever surfed via fixed broadband? Managed to send that important mail on time using mobile broadband? Roamed abroad using Wi-Fi networks automatically? Got some work done via a VPN in an airport? Enjoyed a working Wi-Fi in a hotel? Deflected a phishing attempt with one time passwords? Been saved from having to work this weekend by automatic provisioning? You have already used it!
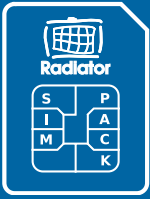
RADIATOR SIM PACK

Radiator SIM Pack is an extension pack for strong mutual authentication using SIM cards. The SIM protocols – EAP-SIM, EAP-AKA, and EAP-AKA' – are designed and developed by industry experts. They are widely used and supported by the majority of mobile platform vendors, including Apple, Samsung, Nokia, and Microsoft.

With Radiator SIM Pack, you can:
- use SIM cards for Wi-Fi login with EAP-SIM, EAP-AKA or EAP-AKA'
- implement Wi-Fi offloading authentication
- connect to a 3GPP infrastructure via the Diameter-Wx and Diameter-SWx interfaces
- integrate your 3GPP and Wi-Fi AAA infrastructure for further authorisation and accounting needs using Radiator Diameter Pack
- be ready for future software-SIM-based AAA for the Internet of Things

RADIATOR DIAMETER PACK

Radiator Diameter Pack extends Radiator by allowing direct connections to your 3GPP infrastructure through Diameter interfaces (Diameter-Gx, Diameter-Gy, Diameter-Gz, and Diameter-Rx). You can use these interfaces to combine and translate mobile subscription data into provisioning parameters for any RADIUS/Diameter-capable infrastructure components.

With Radiator Diameter Pack, you can:
- implement roaming data bill shock prevention
- support Alternative Roaming Provider (ARP) and other regulatory requirements
- add 3GPP authorisation and accounting to your Wi-Fi offloading solution
- integrate policy and charging functionality with your existing 3GPP infrastructure
- develop, customise, and deploy new Diameter applications within your existing Radiator-based infrastructure

HOW TO BUY

All Radiator products are available directly from Open System Consultants or Authorised Agents in over 50 countries around the world. For a full list of our Authorised Agents, please visit *www.open.com.au/agents.html*.

Our licensing model is designed to suit various customer needs. Our licence packs come with flexible upgrading options that range from a Single Server Pack to a flat-fee, unlimited Enterprise Pack. Radiator licences are not limited by time nor the number of connected devices or end users, so there are no unanticipated licensing costs.

If you are interested in integrating Radiator into your devices, platforms, and services, please contact us for information on OEM licensing at *info@open.com.au.*

RADIATOR SUPPORT

We bring technical support to a whole new level. Our experts not only solve any problems you may have, but help you to design, implement, deploy, and convert complete AAA infrastructures. We can also help you to develop and configure Radiator components so that they will complement your existing infrastructure.

Global support is provided by Finnish and Australian engineers with extensive experience in software and telecommunications engineering. Local consultation and support services are available from agents in over 50 countries around the world.

Feel free to contact us with any questions you may have. We are more than happy to help!