AMD and IGEL optimize the AMD Ryzen™ embedded R1505G system-on-chip for the IGEL UD3

IGEL’s steadfast commitment to designing next-generation endpoint architecture is epitomized in the new IGEL UD3 endpoint device. AMD optimized the AMD Ryzen embedded R1505G SoC with Radeon™ Vega 3 Graphics specifically for the IGEL UD3, offering uniquely efficient operation and performance. The IGEL UD3 offers advanced security, flexible connectivity options and versatility to empower users to achieve a secure, high performance computing experience in cloud and VDI workspace environments across all industries.

**Maximum Energy Efficiency**
To conserve energy consumption, IGEL took this extra step with AMD to ensure consistently low power usage on the UD3. The IGEL AMD SoC variant runs on a lower thermal design power (TDP) of 10 watts at 2.0GHz up to 2.7GHz boost frequency as opposed to the standard 12–15 watts while maintaining its maximum performance, reducing energy costs and environmental impact. IGEL is the only endpoint device manufacturer to take this extra measure with AMD.

**AMD Secure Processor**
IGEL’s next-generation architecture in the UD3 combines AMD Secure Processor hardware-based security with an extensive set of OS-level security measures to ensure system integrity at all times. The IGEL UD3 with the AMD Ryzen Embedded R1505G SoC is capable of providing an end-to-end “chain of trust” starting at the processor level, checking UEFI authenticity before proceeding to the next steps to ensure system-wide integrity all the way to the server or cloud platform. This innovative security framework validates each discrete step of the endpoint boot and workspace execution processes.

**IGEL Chain of Trust starts at the processor level with AMD Secure Processor**