

NEMERIX: Vehicular, pedestrian and LBS navigation in the palm of your hand



NEMERIX

Nemerix is a leading fabless semiconductor company specializing in ultra-low-power, high-performance A-GPS semiconductors and solutions for GPS and LBS products. With the release of the NX4 Platform, Nemerix has four generations' experience in delivering exceptional performance, ultra-low-power, hosted A-GPS solutions that enable true product differentiation for our customers – from cellular phones, battery-powered wireless and handheld terminals, and personal navigation devices to personal media players and digital still cameras.

Positioned for success

As the recognized leader in low-power, high-performance A-GPS solutions for mobile applications, Nemerix solutions deliver the next-generation consumer experience now, enabling consumers to:

X Navigate faster – Nemerix solutions such as NX3 and the NX4 Platform feature NeX™, Nemerix's Extended Ephemeris assistance software. NeX enables navigation within a few seconds (typically 2-20s) of power-up, in any conditions (cold-warm-hot).

X Navigate longer – devices using NX3 and the NX4 Platform with NeX are more energy efficient, eliminating "power hungry" GPS acquisition cycles. This means more time between charges.

X Navigate everywhere – NeX offers users the ability to acquire positioning information in difficult environments such as deep indoors, parking garages and in urban canyons – places where conventional receivers cannot. No cellular network or roaming agreements are necessary.

Customer-driven

Nemerix has optimized its differentiated solutions to deliver:

X Increased battery life – the NX4 Platform offers tracking power savings of over 60% more than any competing solution on the market today. Nemerix's proprietary system-level power management architecture ensures no degradation of performance.

X Lower system implementation cost –

Nemerix architects its solutions with low-cost mobile systems in mind. The bill of materials associated with full implementation of its host-based hardware is approximately 20% lower than the closest competitor.

X Increased GPS performance – the GPS platform is a complete eco-system comprised of the user + hardware + software + firmware. Through this, Nemerix is able to deliver best-in-class autonomous performance, while offering its NeX Extended Ephemeris solution and SUPL assistance for free.

X Dynamic roadmap – Nemerix's roadmap is customer-defined to deliver maximum competitive advantage, and includes hardware solutions such as the current NX3 and the NX4 Platform, firmware/software solutions including NeX (available now) and low-power software. Multi-sensor/DR support will be featured later this year.

Positioning for the future

Headquartered in Manno, Switzerland, Nemerix supports its global customers via a Design Center in Cambridge, UK, an Applications Center in Seoul, Korea, and Technology Center in Taipei, Taiwan. Augmenting this is a global network of field sales, applications, representatives and distributors.

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