

Zeidman Technologies

- COMPANY:** Zeidman Technologies develops hardware/software codesign tools for embedded system development that promise to change the way these systems are designed, simulated, and implemented.
- PRODUCT NAME:** SynthOS™ - Synthesize your own operating system.
- MARKET AREA:** Real-time operating systems (RTOS) for embedded systems.
- DESCRIPTION:** This revolutionary tool allows the designer to synthesize his own Real Time Operating System (RTOS). The concept of SynthOS is taken from hardware synthesis; he chooses the programming language that he likes, whether it's C, C++, Java, assembly, or any other language currently supported by SynthOS. The output code, after synthesis, is in exactly the same language. This allows the designer to preserve all of the tools that he currently uses — compilers, debuggers, interpreters, emulators, etc.
- OPPORTUNITY:** Embedded systems designers currently either create their own RTOS from scratch, use embedded Linux, or purchase a commercial RTOS. In each case, the RTOS is maladapted to their design and not always portable across applications. *SynthOS* promises to give designers the power to create their own “custom” RTOSes across a range of applications. The market for embedded RTOSes is huge.
- COMPETITION:** Build-your-own RTOS tradition, commercial RTOSes, embedded Linux. In addition, there is the barrier of getting designers to recognize and adopt a “disruptive technology.”

For more information, please contact **Zeidman Technologies**. at:

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