Press Release

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FOR IMMEDIATE RELEASE

MDE SYSTEMS ANNOUNCES THE LATEST MAJOR RELEASE OF ITS SOFTWARE DEFINED RADIO (SDR) DOMAIN SPECIFIC MODELING TOOL SUITE.

Yonkers, New York, USA – December 1st 2009. MDE Systems Inc., an acknowledged leader in the modeling, tooling, development and testing of complex software systems including Software Defined Radio (SDR) Systems, announced today the latest major release of its next generation Software Defined Radio (SDR) Domain Specific Modeling (DSM) Tool Suite. This tool suite has been developed exclusively by United States citizens.

MDE Systems' SDR DSM Tool Suite is a fully featured Model Driven Engineering (MDE) tool targeted specifically at the SDR domain. It provides a full suite of domain specific languages, domain specific editors for expressing designs in terms of those languages, and domain specific generators that produce lower level executable software artifacts. The SDR DSM Tool Suite also provides an extensive and comprehensive constraint framework, debugging framework, testing framework, and model transformation framework. All of the above are combined with a precisely engineered set of extension points for further specialization and expansion.

"Domain Specific Modeling solutions, done correctly, are proving again and again to be an effective solution to the complexity ceiling that many development teams face, particularly in the SDR domain. SDR software is extremely complex, in fact it is some of the most complex software you will find anywhere", said Bruce Trask CEO of MDE Systems Inc. "Development teams tackling this domain have to develop software that could be described by long list of modifiers including: distributed, real-time, embedded, high performance, fault tolerant, dynamic, secure, size weight and power constrained, networked, heterogeneous, portable, standards-compliant, life-critical, multi-threaded, multi-process, object-oriented, C/C++ and software-defined. Each of these brings significant and unique challenges individually. SDR software systems have to satisfy and reconcile these various concerns *all at the same time*. As such, a development team's tools and technologies have to be at a maximum in order to succeed in this domain. Our SDR DSM Tool Suite addresses this technological need head on. It is backed by our technical team that has been working successfully in the SDR domain non stop for over a decade and in the communications systems domain for over 25 years."

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About MDE Systems Inc.

MDE Systems Inc. develops, markets and supports a wide range products, services and training for complex distributed real-time and embedded software systems. Its specialties are Model Driven Engineering, Domain

Specific Languages and Software Define Radio technologies. Members of MDE Systems' staff have been working with JTRS/SCA Systems since the inception of the JTRS program and with advanced communications systems well before that. They have worked in lead technical capacities within many large and small companies alike. Members of MDE Systems' technical staff have been writing SDR software as part of their full time job for over a decade. They have been involved with all aspects of the evolution of the SCA and JTRS programs from the evolution of the specification to the fielding of some of the first JTRS SCA radios. MDE Systems Inc. is located in the United States. All of its employees are United States citizens. A large percentage of them have active clearances. More information can be found at the MDE Systems website: http://www.mdesystems.com.

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