ITRMC Information Technology Achievement Award
For Applications Developer of the Year

The City of Boise Information Technology Department would like to nominate Chris Schmidt, Sr. Programmer Analyst for the ITRMC Information Technology Achievement Award for Applications Developer of the Year. Chris has been developing advanced applications for the City of Boise since 2000. As an example, he designed and developed PDS Online, which gives builders, businesses, and citizens real-time access to Planning & Development Services' permit database. Contractors can manage their active permits, create new permits, or schedule inspections online; and citizens can review project documents and staff reports for development projects scheduled for public hearing.

Over the past two years, Chris has expanded his system development and support to include applications for Public Works, Police, City Clerks, and the other agencies and citizens they serve.

The reason for Chris' nomination can be summed up in eight key areas reflecting his character and skills.

Enterprise Architecture – Chris supports the department's philosophy of supporting enterprise architecture in our development efforts. With the use of Zachman's EA framework and Service Oriented Architecture, Chris has been able to use services to talk interoperability between applications. Chris employs N-tier architecture to separate the presentation of information, the business logic it represents, and the underlying data into separate tiers, which promotes code reuse, flexibility, and manageability. Chris has a holistic (System Thinking) view when it comes to the architecture of applications that allows for expandability and scalability in the future.

Professionalism – Chris is a model of professionalism and this is reflected in his overall demeanor when introduced to challenging objectives. Chris is one of the primary peer code reviewers and mentor for those beginning in the new development tools. He is also very willing to learn from others and continues to strive in his professional development. Chris stays connected with the development community by using forums and other networking tools.

Innovation – Chris is known in the City development community as the go-to guy for conquering development challenges. A great example of his innovation is the use of XML to interface our legacy Advantage system to deliver Adobe Lifecycle forms without having to invest in additional Adobe licensing. By creating this-innovative technique, Chris has saved the City of Boise over $100,000 in unnecessary license fees. His solution was very easy to use and is being expanded for other uses in the City as its popularity increases.

Role Model – As mentioned under professionalism, Chris exhibits tremendous leadership among his peers with this mentoring and "can do" attitude. His is very patient and a very good listener with both his fellow developers and his business contacts. Chris receives very positive feedback on his customer interaction and easy to work with attitude. He

continues to strive for excellence and has minimal rework since quality is assured at the front end of his development.

Measurable Success – As mentioned under Innovation, Chris' development of a form solution allowed the City of Boise to save over $100,000 in licensing fees. In addition to this, the recent deployment of the Police Calendar System has saved countless hours for police officers, court staff, and the legal department. The calendar system has automated officer scheduled time off and made the information available to those who issue subpoenas. Decreasing the time it takes to schedule and minimizing rescheduling of subpoenas. This system has been made available to other offices including the City Legal Department and Ada County. Other local agencies have requested access to improve their scheduling processes. Another example of measureable success is the CurbIt application. With the complicated roll out of the city's new recycling program, it was vital to have a system that would allow residents to select their cart preference, provide educational information, and provide a management tool for both the City Public Works and Allied Waste. Chris' measurable success is reflected in his effective and efficient development work that allows him to meet most any reasonable deadline.

Personal Development – Chris has considerable skill within the .Net Framework and has an excellent understanding of software architecture. Chris continues to pursue educational opportunities through self-study, books, system training from professional groups, and forums. He has also developed his skill in the Business Analysis area which has proven to support a better understanding of the customer's needs and in turn develop a higher quality product. An example of personal development is demonstrated by Chris's learning and use of a new Microsoft technology, Windows Presentation Foundation(WPF). Using WPF he developed an interactive application for the Police Calendar System. designed for use on a large touch screen display. Chris was able to embrace this new technology and deliver a product within the designated timeframe.

Collaboration – The opportunity to collaborate has been integral to Chris' success. The systems he helped develop were done with collaboration in the forefront. Chris leverages the business' needs to ensure their success in delivering services to the citizens of Boise and the greater metro area. The most recent example is the CurbIt project allowing Allied Waste and the City of Boise Public Works to share a central system to collect citizens cart orders. This allowed both agencies to provide a seamless process for delivery of trash and recycling carts to the citizens of Boise. Another example is the new Animal Licensing web interface allowing the Idaho Human Society and the City Clerks office to better manage their dog licensing initiatives. As mentioned before, the Police Calendar System was a collaboration effort between the City and other agencies to provide an easy to use system with accurate and up to date information simplifying the office subpoena scheduling process. All of these systems have decreased the number of man hours by creating a more efficient delivery of information back and forth between systems and has raised the level of confidence and integrity in the data.

Chris' recent contributions to the City's development community can be reviewed in the attachment showcasing the applications. As stated, Chris Schmidt is an excellent example of achievement in excellence in the area of development and is deserving of the ITRMC Applications Developer of the Year.