



Curtis Hannah - Corporate Director
of AEGIS Innovation & Solutions Team with NGAN/TPx at Comcast Corporate
Comcast Technology Center - 1800 Arch St, Philadelphia, PA 19103

Date: Sept 29, 2019

Re: Letter of Recommendation of Evan Wagner

To the Potential Hiring Manager of Evan Wagner,

I am writing this letter of recommendation having known & worked with Evan Wagner for nearly 20 years. I first met Evan when I was employed with Kanotech Information Systems Ltd. Of Edmonton, AB, Canada when he was employed with TCI (later AT&T, then Comcast.) of Seattle, WA. I then took over a Regional Manager role in the EIS (Engineering Information Services) department for Comcast Seattle (formerly AT&T) and he worked directly with me for 15 years as either a colleague, or contractor.

Evan has a deep knowledge of the Cable TV (CATV) industry as well as a comprehensive HFC network engineering, operations and construction background. He grounded the new technology developed by our team and ensured that it was both practical for the designer while efficient in improving engineering metrics around data management. Evan is a strong leader and provided the team with an anchor on the right priorities where he meticulously overviewed the quality assurance and acceptance of deliverables.

In my work with Evan, I as a senior CAD-GIS professional began coaching Evan in the theory of CAD-GIS technology and software development. Evans' practical approach to solutions allowed him to connect back office challenges with the correct solutions and he was critical in documenting a comprehensive HFC CAD standard that is still in use by Comcast 20 years later. At the same time Evan was collaborative and freely shared with me his Cable TV knowledge and expertise which greatly improved my knowledge in providing a wide range of business solutions with unheard of growth and efficiency impacts.

Evan and I initially worked together in the development of a Rules Based AutoCAD drafting application for AT&T/Comcast which became @MApp. @MApp was very successful within Comcast and remained in service for 15 years. Evan was the key subject matter expert in providing the engineering functional requirements for the development of the new automated drafting/design solution @Mapp but was key in its implementation in the West Division.

Once the Comcast Seattle region and West division had standardized their network maps into the new @MApp standard, we began developing an enterprise platform that stored the data into a data warehouse where the data could be more easily consumed by other systems to solve operational and business-related problems. The engineering systems developed together provide not only a 'system of record' but also a 'system of engagement' by leveraging the intelligent map data to support decision making across the whole business. Some of the more significant projects included pioneering a Customer Address Serviceability analysis application and an Operational Support System (OSS) that proactively improved outage detection, identification and resolution. The Customer Address Serviceability solution contributed heavily to the Comcast Seattle region being named the national "[System of the Year](#)" for 2006 by Communication Technology magazine.



Curtis Hannah - Corporate Director
of AEGIS Innovation & Solutions Team with NGAN/TPx at Comcast Corporate
Comcast Technology Center - 1800 Arch St, Philadelphia, PA 19103

In 2010 Evans' expertise & knowledge were brought to Philadelphia by Comcast Corporation for the national "eGIS" project in an attempt to migrate the entire company's network files into an enterprise engineering platform. This was a \$100M+ data migration project that lasted 5 years until successful completion in 2015. His prior expertise in the West Division was critical to the successful migration of the engineering data and he single-handedly owned the management and QC of all data into the new platform with the migration vendor. It was a difficult, if not impossible project and he stayed committed and diligent throughout the project until completion.

During the eGIS enterprise migration project Evans' knowledge of CAD-GIS had grown significantly along with data management and software development. Although his core competency is with CATV networks, without his holistic contribution the success of the project would not have been possible. Evan is second to none with respect to work excellence and has the ability to produce clear detailed documentation and governing artifacts for others to build on and are still in place in Comcast today years after his departure. Furthermore, he has strong management skills for not only his personal work but also in expecting excellence in deliverable quality from third party vendors and contractors.

Evan is extremely conscientious in his work and is able to get into the weeds and details of a project if necessary. He has managed teams, projects and deliverables with a very high degree of credibility and is very clear in both his written and spoken communication skills. He has a tenacity and determination in everything he does and I cannot remember a time where he missed a deliverable given to him.

During all my years working with Evan he has always been an honest man of integrity. Evan always considers those around him that he works with, as well as the company's business needs. In my opinion this makes Evan a great asset for whoever he works with as well as who he works for. It has always been a pleasure for me to work with Evan Wagner.

I highly recommend Evan for any position or business. I am fully confident that he will always do his very best for the business and for those he works with. I would consider it a privilege should I ever get to work with Evan again because I'd know that Evan would manage the project well and I would be treated well and with respect.

I would be happy to talk to anyone that may want to know more about Evan and/or this letter. Please feel free to contact me as shown in my signature below if you would like to have that conversation.

Respectfully,

Curtis Hannah

Corporate Director of AEGIS Innovation & Solutions Team with NGAN/TPx at Comcast Corporate

Comcast Technology Center - 1800 Arch St, Philadelphia, PA 19103

Office: 215-910-0581

Email: hannahalo@comcast.net

Effective 11/04/2019:

Curtis Hannah

Pixel Softek - Senior Director of Innovation & Solutions
Philadelphia, PA

Cell: (610) 291-7714

Email: curtishannah@pixelsoftek.us