Memorandum

#### TO: Ms. Grace Henry, CIO, Flex-Electric Company FROM: Michael Fetick, Coleman University Student 84270 DATE: September 6, 2014 SUBJECT: Benefits of Joining RosettaNet

**T**his memo reports my findings and recommendation of joining RosettaNet. The purpose of RosettaNet is to be an industry standard-setting organization. RosettaNet Standards deliver an efficient way to achieve collaborative commerce for organizations of any size, in any part of the world. GS1 US maintains RosettaNet Standards for the high-tech and electronics community.[[1]](#footnote-1) The RosettaNet standard is based on XML and defines message guidelines, interfaces for business processes, and implementation frameworks for interactions between companies. Mostly addressed in the supply chain area but also in manufacturing, product, and material data and service processes are in scope. The standard is widely spread in the semiconductor industry but also in electronic components. The RosettaNet Technical Dictionary (RNTD) is the reference model for the classification and characterization of the products in the supply chains that use RosettaNet for their interactions.[[2]](#footnote-2)

I personally joined GS1 US to further investigate the costs and benefits to our company. RosettaNet Standards are free and open to organizations and individuals. Flex-Electric is a mid-sized company that manufactures components for electronic medical and laboratory instruments. We could speed up our supply chain acquisitions if our products are listed in the RNTD and we solicit bids from suppliers that use RosettaNet for their interactions. This would be done by creating Partner Interface Processes (PIPs). The PIP is comprised of the following four parts:

* Business Process Model – Common business procedures and components of the processes
* Business Process Analysis – Defines desirable changes to the processes
* PIP Development – Establishes guidelines and documentation for the changes
* Two Data Dictionaries – A technical properties dictionary and a business properties dictionary

RosettaNet defines a common parts dictionary so different companies can technically define the same product, the same way. Also, they define and standardize many e-business transaction processes, which are widely adopted by most major companies in the electronics industry. Many of our components must conform to detailed specifications, stored on a vast repository of blue prints and other design drawings. If we list our components in the RNTD, then the technical data is included, for review by potential suppliers. A numerous variety of suppliers of indirect materials and machinery replacement parts use the RTND, with new suppliers arriving daily. This increased competition keeps their prices low and lowers our costs.

I recommend we join GS1 US and list our material request on the RosettaNet RNTD. Also, we would greatly benefit if we can establish PIPs with our present and future supply chain partners.

Michael Fetick

1. RosettaNet Standards Sign-up web page, downloaded from https://members.gs1us.org/rosettanet/sign-up. [↑](#footnote-ref-1)
2. RosettaNet – Wikipedia, he free encyclopedia, downloaded from http://en.wikipedia.org/wiki/RosettaNet. [↑](#footnote-ref-2)