	Council Communication Office of the City Manager	**Date:**	October 11, 2010
		Agenda Item No.	**27D**
		Roll Call No.	**10-1664**
		Communication No.	**10-615**
		Submitted by:	**Mike Matthes, Assistant City Manager and Chief Information Officer**

AGENDA HEADING:

Approval to purchase Q1 Labs Qradar Network Security Solution appliance and software for Network security, intrusion detection, and troubleshooting.

SYNOPSIS:

Recommend approval for the purchase of Q1 Labs Qradar network security solution from Forsythe Technology Consulting, 3800 American Blvd., Bloomington, MN 55431, Dan Walsh, Account Manager.

FISCAL IMPACT:

Amount: $72,607

Funding Source: $72,607 is available from IFT990000/CP051 Capital Improvements/Enhanced City-wide Information System.

ADDITIONAL INFORMATION:

The City of Des Moines Data Network is comprised of over 50 buildings with 1600 computers 144 network switches, 200 wireless access points, 7 Cisco Firewalls and over 200 Microsoft servers. This network is connected to Polk County, West Des Moines, Ankeny, Windsor Heights, Johnston, and Pleasant Hill. Internet connectivity is provided to all city-owned computers on our network. This Internet connectivity is also provided to public computers at all libraries, the Pappajohn Sculpture Park and in other city buildings. We have no control over public computers and laptops that may connect to our network. We do separate the network from the public users with a firewall but have often seen attempts from the public to access our network. In a previous trial with Qradar we experienced thousands of scans of our network looking for access and many of these were from other countries. With the growing list of social media sites and personal email accounts we are open to various attacks from within and from outside our network.

Qradar will work with other security technologies, virus protection and email scanning services. This product monitors network behavior and is able to correlate data from all devices and software running on the network. It looks for trends and abnormalities in network traffic and on server logs. Qradar not only will assess risks of network changes but is a valuable tool in trouble shooting network issues.

PREVIOUS COUNCIL ACTION(S): NONE

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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