

MA-C2-1



The Regional Municipality of Peel
POLICE SERVICES BOARD
10 PEEL CENTRE DR., BRAMPTON, ON L6T 4B9

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www.peelpoliceboard.ca

September 28, 2010

Ms. C. Reid
Director and Regional Clerk
Regional Municipality of Peel
10 Peel Centre Drive
Brampton, ON L6T 4B9

Dear Ms. Reid:

LEGISLATIVE SERVICES	
COPY TO:	FOR:
Chair	<input checked="" type="checkbox"/> Committee
CAO	<input checked="" type="checkbox"/>
Corporate Services	<input checked="" type="checkbox"/> Council
Public Works	Dec 16
Employee and Business Services	
Health Services	File
Human Services	
Peel Living	

RE: #IC173/10 - VCOM Group Annual Report

On September 24, 2010, the Regional Municipality of Peel Police Services Board considered a memo dated September 01, 2010, from Deputy Chief P. Tetzlaff, Corporate Services, providing the Board with the annual report on the activities of the VCOM group.

The following motion was passed by the Board:

“That the information be received;

And further, that the 2010 VCOM Group Annual Report be forwarded to Regional Council for information;

And further, that the 2010 VCOM Group Annual Report be forwarded to the Regional Fire Coordinator for information.”

In keeping with the Board’s motion, I have enclosed a copy of the 2010 VCOM Group Annual Report.

Should you have any questions or concerns, please do not hesitate to contact the Board office.

Yours truly,

Frederick Biro
Executive Director

FB:ls

c. Deputy Chief P. Tetzlaff, Corporate Services

Attach:

REFERRAL TO _____
RECOMMENDED _____
DIRECTION REQUIRED _____
RECEIPT RECOMMENDED

RECEIVED

OCT 04 2010

REGION OF PEEL
CLERKS DEPT.



FORWARDED TO
POLICE SERVICES BOARD

MA-C2-2

#173

DATE Aug 30 / 10

H. Tetzlaff
CHIEF OF POLICE

Regional Municipality Of Peel
POLICE SERVICES BOARD
RECEIVED
AUG 31 2010
Registration No.: 08-234
File Class: VOH

REPORT
Police Services Board

File Class: 1-01-02-03

Cross-Reference File Class: _____

DATE: September 1, 2010

SUBJECT: VCOM GROUP ANNUAL REPORT

FROM: Paul Tetzlaff, Deputy Chief, Corporate Services

RECOMMENDATION

IT IS RECOMMENDED THAT the VCom Group Annual Report dated September 1, 2010 be received by the Regional Municipality of Peel Police Services Board.

AND FURTHER THAT, the 2010 VCom Group Annual Report be forwarded to Regional Council for information.

AND FURTHER THAT, the 2010 VCom Group Annual Report be forward to the Regional Fire Coordinator for information.

- REPORT HIGHLIGHTS**
- A slight increase in number of radios was realized in 2009-2010, but within projections
 - Upgrades and renewals related to tower lights have been completed
 - Microwave radio replacement is in progress
 - The system functioned well following upgrades to support the G8 / G20
 - Planning for system renewal 2011 - 2014 is underway
 - The VCOM radio system continues to well serve the needs of our member municipalities

PURPOSE

To report the management activities of the VCom Group, and Vcom radio system performance, for the information of the Regional Municipality of Peel Police Services Board, and Regional Council.

DISCUSSION

In accordance with the June 8, 1995 agreement between the Regional Municipality of Peel, the City of Brampton, the City of Mississauga, the Town of Caledon, and the Regional Municipality

RECEIVED
AUG 30 2010 10-25 15

OFFICE OF THE CHIEF

September 1, 2010

2

VCOM GROUP ANNUAL REPORT

of Peel Police Services Board, the VCom Group was formed in the summer of 1997 to manage the operation of the radio system.

Section 6 of that agreement states in part: *'The VCom Group will be accountable to Regional Council through the Police Services Board and report annually in September of each year on its activities to Regional Council, through the Chief of Police to the Police Services Board with an information report forwarded to the Regional Fire Coordinator.'*

VCom Group Activities

The VCom System entered its 13th year of operation, functioning well to support 10 agencies within the Region of Peel.

The following are noteworthy from the last year of activities:

- **System Users:**

At present, the VCom system supports a total of 4,715 radios, an increase of 273 since 2009, which is well within projections. 2010 system loading to date is within operational tolerances. Site utilization during the busiest hour this year was 30.23% of capacity, with no unacceptable busy signals experienced by system users. This is well within the grade of service level specified by Industry Canada for Public Safety radio systems.

In summary, current users of the system along with the number of radios as of August 2010 are:

Peel Regional Police *	1573	33.4%
Brampton Fire & Emergency Services *	221	4.7%
Caledon Fire & Emergency Services *	161	3.4%
Mississauga Fire & Emergency Services *	304	6.4%
Peel Regional Works *	502	10.6%
Total VCom Group	2761	58.6%
Hydro One Brampton	100	2.1%
City of Mississauga	990	21.0%
GTAA	329	7.0%
RCMP	69	1.5%
CBSA	466	9.9%
Total other users	1954	41.4%
Grand Total of All VCom Users	4715	100.0%

*denotes Vcom Group member. Others are System Users.

September 1, 2010

3

VCOM GROUP ANNUAL REPORT

- ***Financial Trends:***

The average radio operating costs for VCom for 2010 is \$148.10 per radio, down \$18.80 per radio from 2009. The user fees are based on a total gross operating cost of \$812,610 less tower revenues of \$114,330 for 2010.

- ***Tower Lights***

The obstruction warning lights have now been replaced with upgraded technology at both the Inglewood and Caledon radio tower sites.

- ***Microwave Radio System Upgrade:***

The Microwave Radio System upgrade project is now underway. The contract has been awarded to *Aviat Networks* and work has commenced. This project is on schedule with an expected completion by the first quarter of 2011.

- ***Significant Events:***

The G8/G20 Summits were held during June 2010. Since dignitaries would be arriving at Pearson International Airport, the VCom Radio System was hardened with system optimization and back-up radio installations, to ensure peak performance during this significant event. Approximately 600 rental radios were added to VCom to support the increased policing requirements. VCom operated as expected during the Summits and no operational or technical issues related to the Vcom System were encountered.

- ***VCOM System Upgrade/Replacement in 2011 thru 2014:***

Planning for the VCom System replacement continues with participation from all member agencies. VCom Management has conducted extensive research into the replacement options available and after evaluating all the information, the VCom Group proposed the following action plan to Regional Council:

- Negotiate a 15 year agreement and include cost breakdown annex(s) to reflect agency commitments and time frames.
- Commit to a Standards Based P25 compliant system.
- Directly Negotiate with Motorola for Infrastructure upgrade and replacement.
- Target date 2011 to install new Zone Core (main controller) concurrent with "Z" release software upgrade and SmartX installation.
- Engage a phased-in approach to replace and expand the VCOM infrastructure over the next four years while simulcasting in analog and P25 Digital, based on agreed upon user timeframes.
- Individual or joint agencies conduct a competitive process for system compliant user gear for deployment as per agreement and concurrent with their budget cycles.

September 1, 2010

4

VCOM GROUP ANNUAL REPORT

- VCOM members will pursue opportunities for economies of scale and cooperative purchasing, as well as opportunities for sharing and interoperability with surrounding agencies.

Regional Council, on July 8th 2010 carried Resolution Number 2010-705 as follows:

"That the Director of Purchasing be authorized to enter into Direct Negotiations with Motorola Canada to upgrade the VCOM Radio System to a standards based P25 digital system at an estimated cost of \$24,000,000 (excluding applicable taxes), in accordance with Purchasing By-law 63-2008;

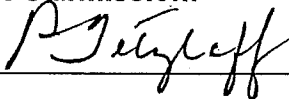
And further, that subject to funding being available in approved capital or current budgets, the Director of Purchasing be authorized to enter into Direct Negotiations with Motorola Canada, its partners or successors, for items and services deemed to be proprietary or similar in nature to address operational requirements for the life cycle of the VCOM Radio system."

Project planning for Vcom system upgrade / renewal is now underway with start of negotiations anticipated in the last quarter of 2010.

CONCLUSION

The VCom Group is pleased to report that the VCom radio system continues to well serve the needs of our member municipalities and partner agencies.

Approved for Submission:



Paul Tetzlaff
Deputy Chief, Corporate Services

For further information regarding this report, please contact Superintendent Frank Roselli at extension 4440 or via e-mail at frank.roselli@peelpolice.ca

Authored by: Lloyd Addis, Manager - Telecommunications Systems and Services, ext. 4600