

1HZ \$W\SLFDO ,QIOXHQ]D 3RVVLEOH 7UHQG IR

9LURM :LZDQLWNLW

+DLQDQ OHGLFDO 8QLYHUVLW\ &KLQD

)DFXOW\ RI OHGLFLQH 8QLYHUVLW\ RI 1LV 6HUEL

-RVHSK \$REDEDOROD 8QLYHUVLW\ 1LJHULD

'< 3DWLO OHGLFDO 8QLYHUVLW\ ,QGLD

6XULQ 5DMDEKD W 8QLYHUVLW\ 6XULQ 7KDLQDQG

&RUUHVS RQGLQJUD XWKRNU :LZDQLWNLW :LZDQLWNLW +RXVH %DUH JRN KWD %DQH DQH LQIHFWRQH FPRH LQIHFWRQH

5HFHLYHG QGDWVK

3XEOLVKHG GDWH \$SULO

IRU DELOLW\ WR ELQG WR KXP DQ

&RS\ULJKW :LZDQLWNLW 7KLV LV DQ RSHQ DFFHVV DUWLFOH GLVWULEXWLRQ DQG UHSURGXFWLRQ LQ DQ\ PHGLXP SURYLGHG WKH RYUJLQDO DQWKAU DQG VRXUFH

7KH SRWHQWLDO WR FURVV VSH

+HQFH LI WKH ELRWHUURULVW

PLJKW EH QHZ XQFRQWUROODEOH

\$EVWUDFW

\$W\SLFDO LQIOXHQ]D LV WKH SUC •H[DPSOH VJQH ZPHUJLQJ LQIOXHQ]D LQI  
VZLQH IOX ,Q DGGLWLRQ WR WKRVH DOUHDG\ FURVV VSHFLHV LQIHFWRQH WKH  
DW\SLFDO LQIHFWRQV LQ DQLPDOV DUH DOVTRK HRFKVRDQH VPDXQ\ LQ HPZH QLQHFDQH  
YHWHLQDULDQ VFLHQFH 7KH SRVVLEOH WDQGDQH DQH EURWHUUV SHFLHVRWKRQ  
LQIOXHQ]D LV KHUHE\ GLVFXVVHG

ELRWHUURULVW DJHQW WKH S

LQWHUQDWLRQDO SXEOLF KHDO

1HZ (PHUJLQJ +XPDQ \$W\SLFDO VQYWHQH DQG WHUURULVP RI WKH QHZ HPHUJL

7KH QHZ HPHUJLQJ KXP DQ DW\SLFDO 15QH PFKH QFKH EHHQ FRQWLQXR  
DWWDFNHG WKH JOREDO SXEOLF KHDOWK V\VVWHP IRU PDQ\ \HDUV \$Y  
KXP DQ LQIHFWRQV WKH SUREOHP XVXDOQH RFFXQD \$LILFXQWV JQGJLH  
DQG WUHDWPHQW LV DFFHSHWG /HY DQG SLQD3XOP OHGVPDO > @ QRWHG  
fSRWHQWLDOO\ VHULRXV ULVNV UHVXOWLQH IDP5DPHU XVMVDPDQ %  
DJHQWV LQFOXGLQJ QHZ HPHUJLQJ LQIOXHQ]D QHJLQH KDV QH  
YHULILHG VLWXDWLRQ RI VXFFHVVIXO ESRWHQWLDOO\ VLPDO %  
LQIOXHQ]D 1HYHUWKHOHVW WKH ULVN FDQ EH SDQGHPLF ILQDOH DQH  
UHVHDUFKHV DQG GHYHORSPHQWV DUH RPHBQH VRLUPSOH HDOQ YSPFF,  
GDW DQ YLUXV PLJKW EH IXUWKHU XVHG FZFRWUHQWLQH  
DSSOLF DWLRQ 5HEPDQQ HW DO > @ QRWHG WHQDQH fEPXVIGQH VIMW R KHRXH  
WR LPSURYH EXVLQHVV FRQWLQXLW\ DQG SDQGHPLF SODQV WR SUHSDU  
QH[W ELRORJLF HYHQW LH SDQGHPLF DAW W4DFND@J 7R FBR E DW6BQfP=D&  
IRUP XVHG IRUG LV WKH ELJ LVVXH \$V QRWHDQ VRLUPSOH HIIHFLWVNYH EDQ  
WR EH LPSOHPHQWHG > @

SDQGHPLF ULVN 9HW OLFGD'S A

1HZ \$QLPDO \$W\SLFDO ,QIOXHQ]D DQG %LRWHUURULVP

1RW RQO\ WKH DOUHDG\ FURVV VSHFLHV QHZ DW\SLFDO LQIOXHQ]D E  
VRPH QHZ HPHUJLQJ LQIOXHQ]D LQ DQLPDOV VKRXOG EH PHQWLRQHG