

\$ VWURF\WH 6HJPHQWDWLRQ DQG & ODVV

5HVHDFK 'HYHORSHUV 'DYL G &DUO\Q /DQD)UDQNOH \$NKLO .XPDU *
)DFXOW\ \$GYLVR-&K'D'QJ &X'H'QJ 5REHUW &OHPHQWV

\$EVWUDFW 7KH 3URFHVV
,PDJH VHJPHQWDWLRQ SURFHVVVLQJ
FRPSOH[DUHD RI ZRUN WKH VDPH VFDOLHG WR KDYH HTXDO VSKHWKHPJ DQG EXWPHQW R
SHUIHFWHG FRXOG FUDPHHQVLRQV KRUD 3UH SURFHVVVLQJ SL[HO RQ WKH DKLQJ WKH WKHU UH
RI LQQRYDWLRQ DQG GLVFRYHULHV 2XU
FXUUHQW UHVHDFK IRFXVHV RQ XVLQJ
LPDJH VHJPHQWDWLRQ WR H[WUDFW
GDWD RI DVWURF\WH FHOOV WKH PRVW
DEXQGDQW JOLDO FHOOV IRXQG ZLWKLQ
WKH EUDLQ

,QWURGXFWRQ
7KH DVWURF\WH GDWD ZH DUH
UHFHLYLQJ FRPHV LQ
PXOWLGLPHQVLRQDO LPD
ZRUN ZLWK WKLV GDWD Z



WRH

,PDJH- DQ RSHQ VRXUFH LPDJH
SURFHVVVLQJ SURJUDP \$HWURF\WH &ODVV LILFD
JLYHQ DQ H[LVWLQJ SOXJLQ IRU WKLV
SURJUDP WKDW DWWHPSWHG WR IDWKHU
GDWD DERXW DQ DVWURF\WH FHOOV ERG\ LV GH
PXOWLGLPHQVLRQDO LPDJH V HI ZD\ DQG IXUW
LQ ZRUNLQJ ZLWK PXOWLSOH GRQH WR GHYHO
ZLWKLQ D VLQJOH LPDJH DQG ZDYV FXUUHQW
YHU\ XQVWDEOH WKXV PDNLQJ LW
XQXVDEOH IRU DQ\ WISH ZLWK DOO\ VLV
RQ WKHVH DVWURF\WHV
HYHU\ VSKHUH ZLWK WKLV VHJPHQWHG DVWURF\WH
FDQ EH SODFHG LQVLGH WKH DVWURF\WH

ZH WDNH WKH FHQWHU SL[HO DQJQV KHFW \$HWURF\WH
DERG\ SL[HO HEDFKA SZLH OSL[HOV ZH LWHUDWH
FHQWHU WKH VDPH VSKHWKHPJ DQG EXWPHQW R
IRU HYHU\ SL[HO RQ WKH DKLQJ WKH WKHU UH
VSKHUH ZH DWWHPSW WR FWHQVREDDW KH SHL[
VSKHUH RI WKH VDPH VL[HO DKLQJ YHQG PHUJH
SL[HO ZLWKLQ WKH VHJPHQWHG DVWURF\WH WRJH
WKDW LV ZLWKLQ WKLV VSKHWKHPJ DQJQV RQ W
DOVR VHEV D VSD[HO V\ VWHP IRU IXUWKHU

'HILQLQJ 7KH 3ULPDU\ %UDQFKHV
7KLV LV DFFRPSOLVKH &REQXVLRQV KH
VNHOHW RQ REWDLQH IURXU VFKH UHLOW UDSSUR
VHJPHQWHG LPDJH DQG UHFRYLUHSDHOV EXW
SL[HOV RQ WKH VNHOHW RQ HLPDJH WKDLQ LQJ W
FRUUHVSRQG ZLWK WKH VSKHWKHPJ DQJQV
FDVHV WKHUH DUH
VRPH EDFNJURXQG QF
HOLPLQDWHG WKHUH
QR DQDO\VGH AI€4VVGH



7HFKQLFDO 3D SWW 35/ GRFV JRRJOH FRP FXP
G QP 0\[5[,IL 1K,353* G\$(V X6/ BZERF HGEW

