

&ULWLFDO ,QIUDVWUXFWXUH  
,QG XVWU\ RQ WKH 6HFXU

1HZVRPH \$VKOH\ (QNKWDLYDQ \$\XVK &<%

\$V WHFKQRORJ\ DGYDQFHV DQG EHFRPHV PRUH LQWH  
FROOHFWHG +RZ WKDW GDWD LV VWRUHG DQG XVHG PD\ Y  
DUH VWDQGDUGV LQ SODFH WR PDLQWDLQ WKH VHFUXLW\ R  
)HGHUDO \*RYHUQPHQW HVWDEOLVKHG WKH +HDOWKFDUH D  
FULWLFDO LQIUDVWUXFWXUH VHFWRUV LQ WKH 8QLWHG 6W  
XWPRVW LPSRUWDQFH WR QDWLRQDO VHFUXLW\ HFRQRP\

&ULWLFDO ,QIUDVWUXFWXUH GHVFULEHV WKH ERG\ RI  
WKDW DUH YLWDO WR WKH 8QLWHG 6WDWHV HFRQRP\ VHF  
VXFK DV SRZHU JULGV ZDWHU DQG VHZDJH V\ VWHPV WW



RSHUDWLRQDO WHFKQRORJ\ 27 WKURXJK WKH LQWHUFRQQ  
OLNH ,R7 ,R7 ,QWHUQHWR RI 7KLQJV ,QG XVWULDO ,QWH  
PRUH \$XWRQRPRXV 0DQXIDFWXULQJ /WG 0RVW SURGXFW  
PDQXIDFWXULQJ E\ XVLQJ KLJKO\ HQKDQFHG WHFKQRORJ  
SURGXFWLYLW\ 7KH LQG XVWU\ KDV VWDUWHG WR WUD  
KHDOWKFDUH LQG XVWU\ )RU H[DPSOH WKH XVH RI ,R7 %-8  
KDV LQFUHDVHG DQG LPSURYHG RSHUDWLRQV DQG HIILF  
PHDQLQJIXO UHDO WLPH YLVLELOLW\ DFURVV WKHLU VXSS

:LWK WKH DGYDQFHPHQWV DQG LQWHJUDWLRQ RI WH  
GLJLWDOL]DWLRQ RI KHDOWKFDUH WKH QHHG IRU SK\VLFD  
DQ DQDO\]LQJ ELJ GDWD WKH GHYHORSPHQW DQG PRYH WR  
ZKLFK WLHV WRJHWKHU VHFUXLW\ F\EHU DQG SK\VLFD  
LQWHJUDWLRQ ,R7 ,QWHUQHWR RI WKLQJV ,R7 ,QG XVW  
PRUH

,Q WKH FRQWH[W RI KHDOWKFDUH LQG XVWU\ UHSU  
URERWLFV ,R7 DQG ZHDUDEOH PHGLFDO GHYLFHV PRELOH  
7KLV VWXG\ H[SORUHV KHDOWKFDUH DV DQ LPSRUWDQW D  
WUDQVLWLRQ RI FULWLFDO LQIUDVWUXFWXUH WR ,QG XVW  
UHVHDFK ZLOO EH D OLWHUDWXUH UHYLHZ H[SORULQJ  
GLJLWDOL]DWLRQ RI WKH KHDOWKFDUH LQG XVWU\ DQG KRZ  
RI KHDOWKFDUH 7KH OLWHUDWXUH UHYLHZ ZLOO XVH MRX  
DGGLWLRQ WR SXEOLF JRYHUQPHQW GRFXPHQWDWLRQ RQ