	xt	xb	xd	xh	xl	xs	xc			
Y_N	1	0	0.999999999	0	1	0	1	Total		
Return	50	80	90	120	110	40	75	=SUMPRODUCT(B3:H3,B4:H4)		
Const.										
Client limit	480	540	860	1000	700	510	900	=SUMPRODUCT(B3:H3,B6:H6)	<=	3000
2-out-3	1			1	1			=SUMPRODUCT(B3:H3,B7:H7)	>=	2
no more 1		1	1					=SUMPRODUCT(B3:H3,B8:H8)	<=	1
exact 1						1	1	=SUMPRODUCT(B3:H3,B9:H9)	=	1
if then	-1	1						=SUMPRODUCT(B3:H3,B10:H10)	<=	0

Microsoft Excel 11.0 A
Worksheet: [example
Report Created: 06/1

Target Cell (Max)

Cell	Name	Original Value	Final Value
$I$4	Return Tota	325	324.999999

Adjustable Cells

Cell	Name	Original Value	Final Value
$B$3	Y_N xt	1	1
$C$3	Y_N xb	1	0
$D$3	Y_N xd	0	0.99999999
$E$3	Y_N xh	1	0
$F$3	Y_N xl	0	1
$G$3	Y_N xs	0	0
$H$3	Y_N xc	1	1

Constraints

Cell	Name	Cell Value	Formula	Status	Slack
$I$6	Client limit	2939.9927	$I$6<=$K$6	Not Binding	60.000000
$I$7	2-out-3 Tot	2	$I$7>=$K$7	Binding	0
$I$8	no more 1 T	0.999	$I$8<=$K$8	Binding	0
$I$9	exact 1 Tota	1	$I$9=$K$9	Not Binding	0
$I$10	if then Total	-1	$I$10<=K	Not Binding	1
$B$3	Y_N xt	1	$B$3=binar	Binding	0
$C$3	Y_N xb	0	$C$3=binar	Binding	0
$D$3	Y_N xd	0.999	$D$3=binar	Binding	0
$E$3	Y_N xh	0	$E$3=binar	Binding	0
$F$3	Y_N xl	1	$F$3=binar	Binding	0
$G$3	Y_N xs	0	$G$3=binar	Binding	0
$H$3	Y_N xc	1	$H$3=binar	Binding	0