In practice, you can’t change the source or load, so you change the interface.

Examples of interface circuits:

- $R$
- $R_1$ and $R_2$
- $R_1$ and $R_2$
Select $R_L$ such that the interface signals are in the range defined by $v > 4\, V$ and $i > 30\, mA$
Design the two port interface circuit so that the 10 A source delivers 100 V to the 50 Ω load.
$R_S = 25 \, \Omega$, $R_L = 600 \, \Omega$, design an interface circuit so that the input resistance seen by the source is $25 \, \Omega \pm 5\%$ and the output resistance seen by the load is $600 \, \Omega \pm 5\%$. 