



# The Software Defined Institution

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The What?



# What does that mean?

Software  
Defined  
Networks

**SDN**

Software  
Defined  
Storage

**Is that  
SDS?**

Software  
Defined  
Data Centre

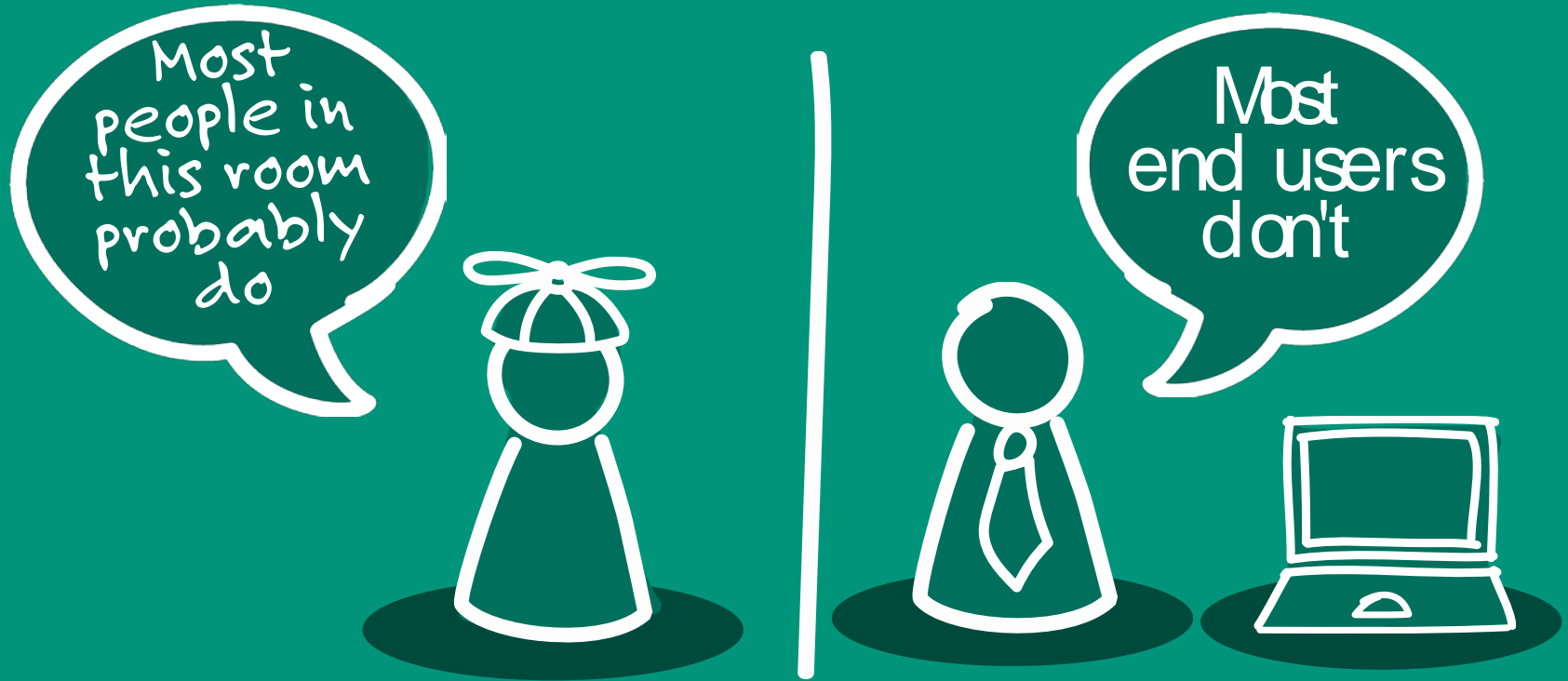
**Does  
that even  
have an  
acronym?**



But : Does it matter?



# Who Cares?!





# And you shouldn't care either

Most  
businesses  
are not in  
the IT  
business

So the IT  
department should  
really be about  
delivering business  
solutions...Not  
infrastructure

Software is the answer

But what's the question?



# Let's take a step back



We need to fix this

But how?



# So what's that question?





Not so easy...

# Architecture

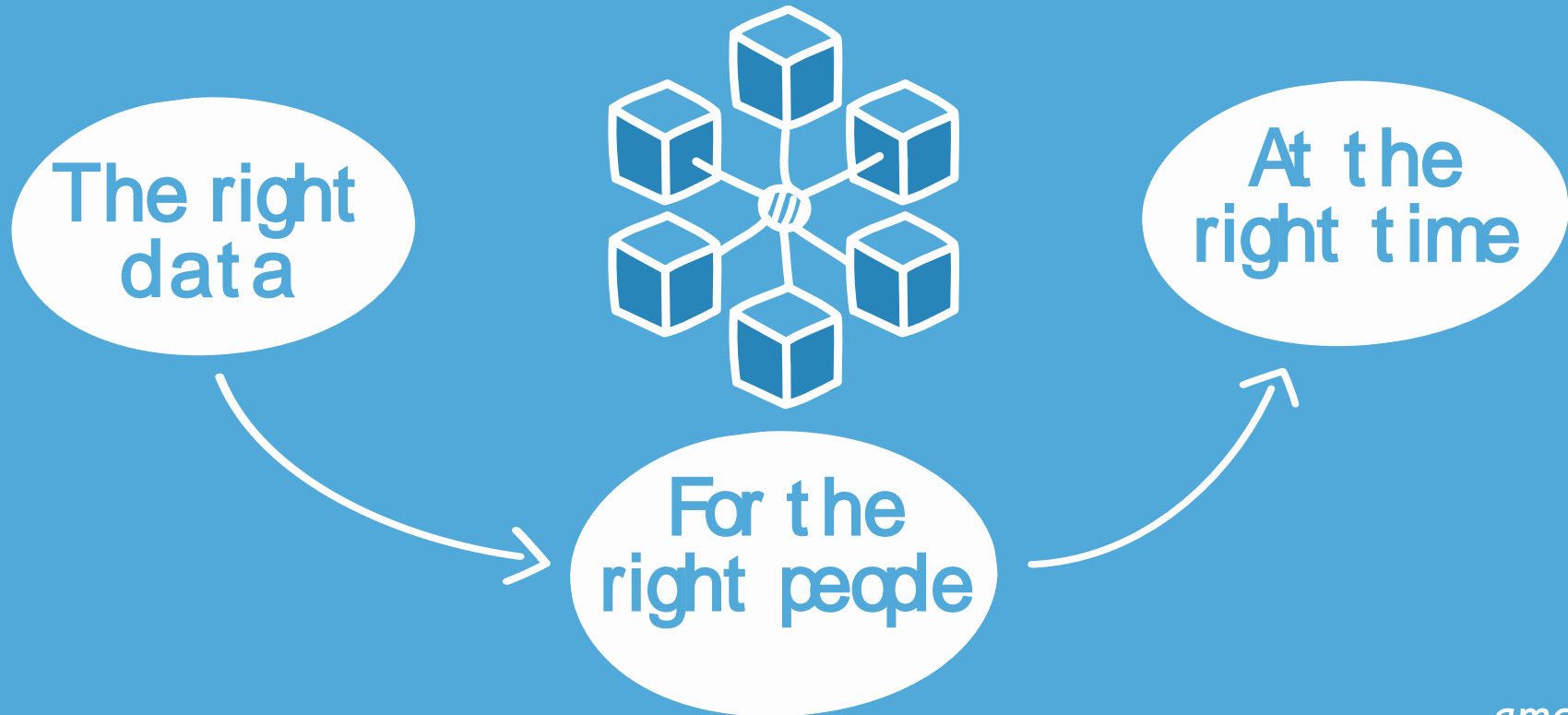
You need to plan  
your software  
architecture



And how it  
will interact with  
the underlying  
infrastructure



# Data Modelling is key

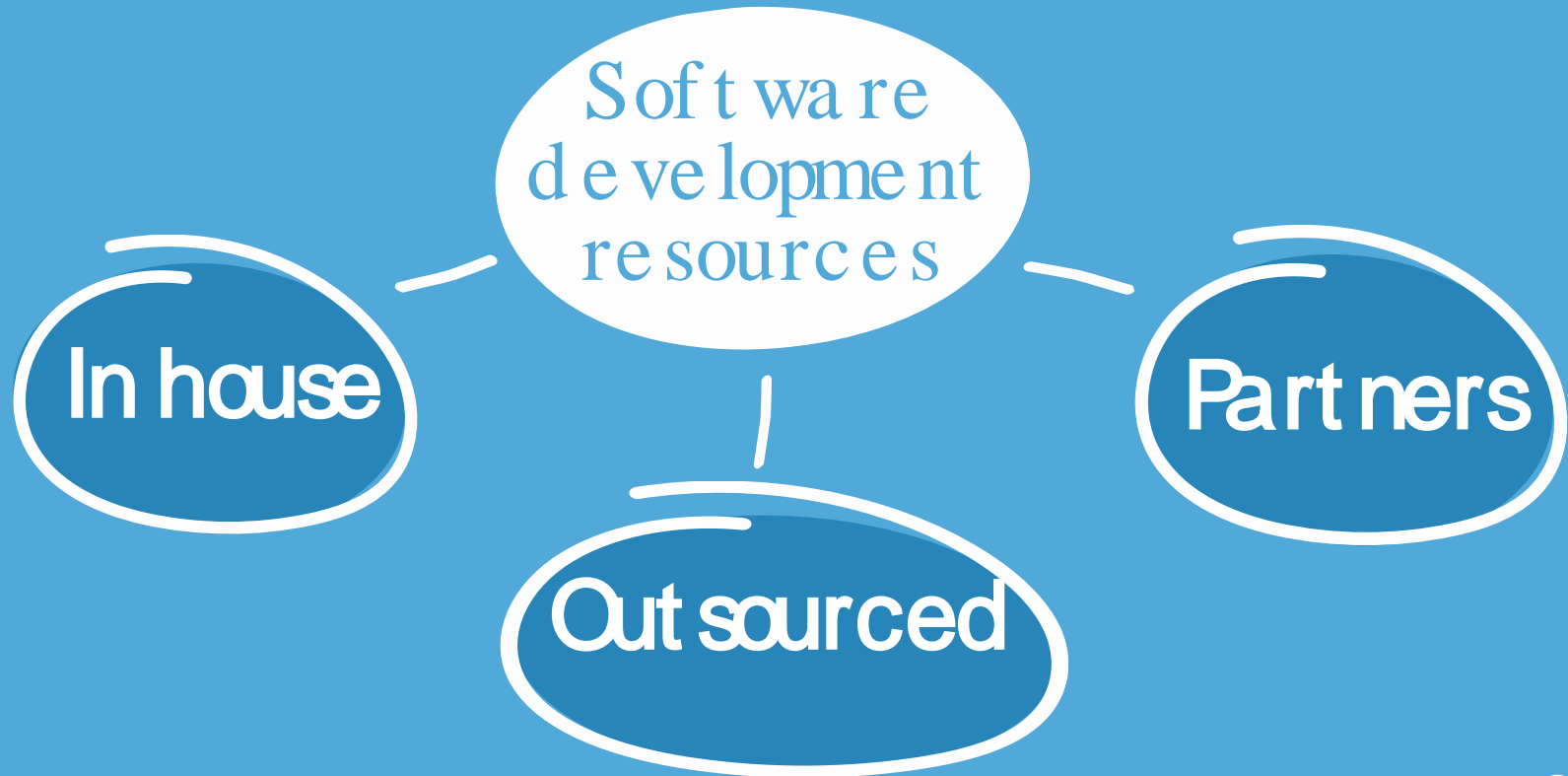


# This is not news





And you will need ...



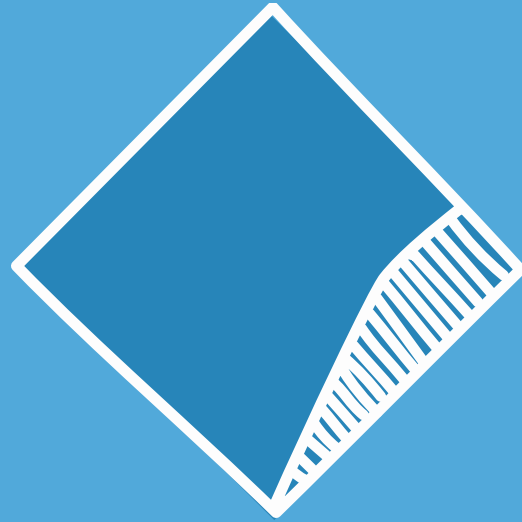
An example ...



Tesla Motors



# An example ...



## Commonwealth Bank

An example ...



The University of Melbourne

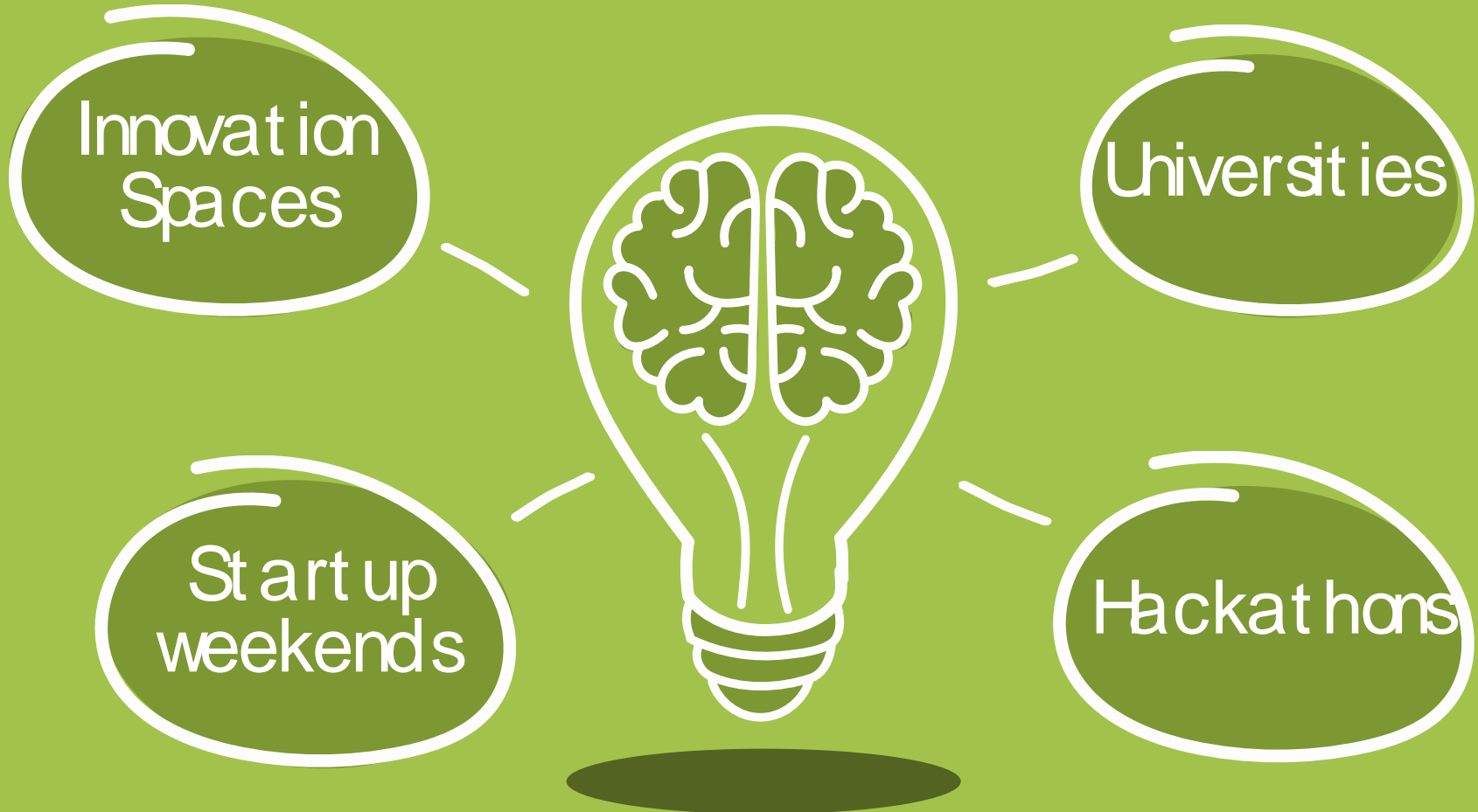
Where to start



Consider what is happening in the startup space



Launching in 4, 3, 2, 1...





The bad





This  
can't be  
done  
overnight!

The  
software  
ecosystem  
still isn't  
perfect

# The “cloud” can help

Using the cloud will make no difference if you don't change your IT processes



# The “cloud” can help



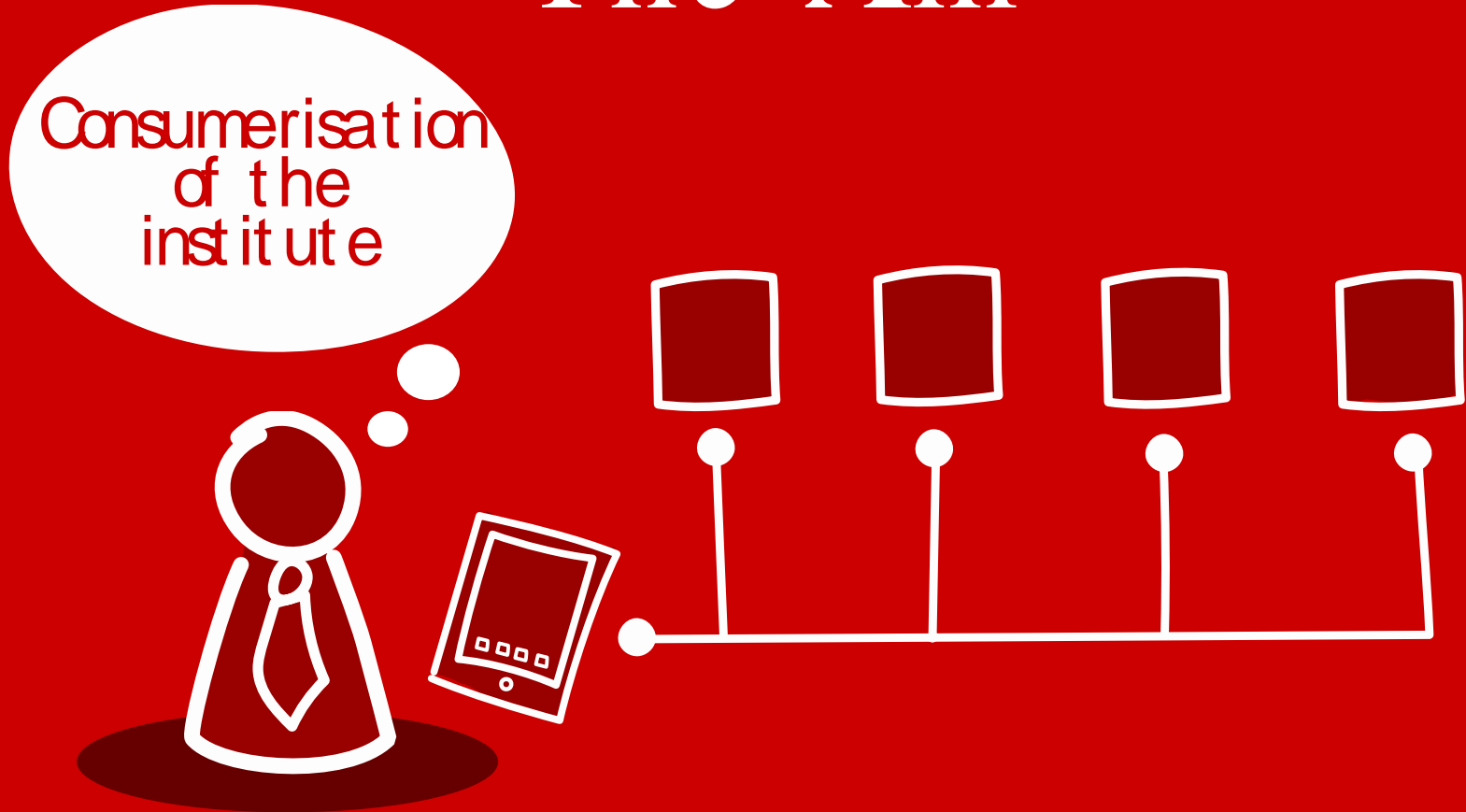
But  
if you're  
re-engineering  
architecture  
and process

Then using  
cloud-based  
infrastructure  
is the  
answer

To sum up

# The Aim

Consumerisation  
of the  
institute



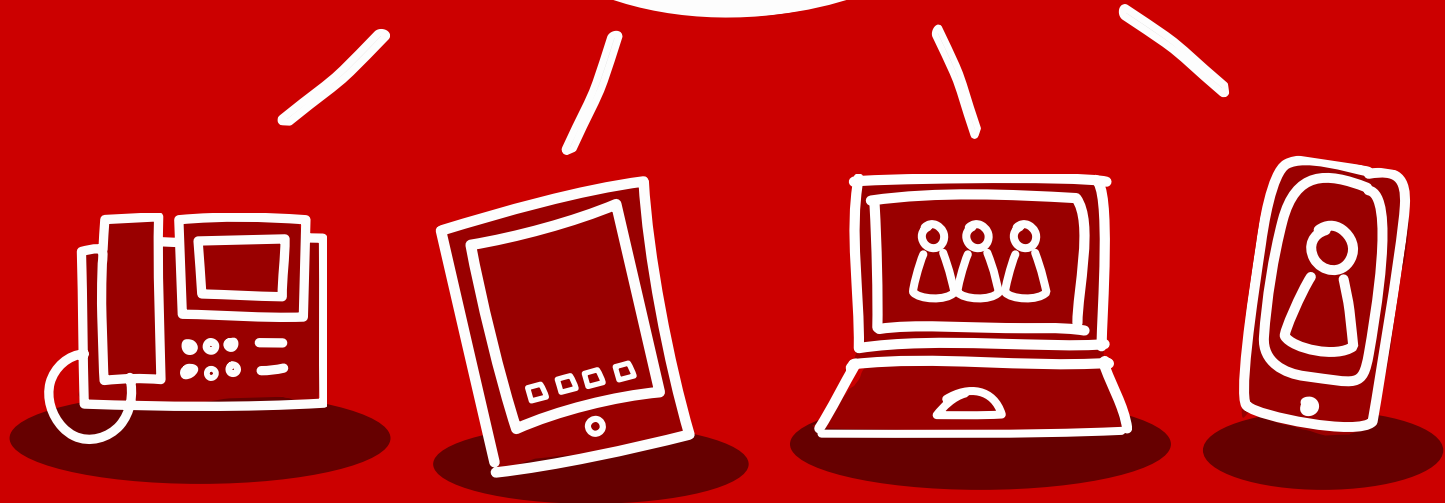
# The Aim



Can your  
institute Apps  
be WOW just  
like Angry  
Birds?



**Any device  
Anywhere  
Any time**







Thank You