## Using the Cadence Launcher

Starting in the Fall 2013 semester, the ECE department moved Cadence ICFB off of the local workstations and onto a central server. Access to Cadence is now done through the Cadence Launcher Tool. The tool automates the login, project creation and project launching steps. Below are the instructions on how to use the tool.

To start the Cadence Launcher Tool, navigate the following path:

Accessibility	
Administrative Tools	
CAD	
Document Tools	H:\
Engg Apps	
Cadence SPB 16.6	Pictures
💿 Arduino	Music
BASINS 4	
Cadence Launcher	Games
ChE Encyclopedia	<b>D</b>
CLA test	Recent Items
🐴 CPLEX Studio IDE	This PC
🌋 Digilent WaveForms	
EMPro 2015.01 (64-bit GUI)	Control Panel 🕨 🕨
EPA SWMM v5	PC settings
ETAP 12.5.0	r c settings
GaBi 6.0 Education	Devices and Printers
HEC-RAS 4.1.0	Default Programs
🔣 Keysight Advanced Design System 🗸	
	Help and Support
◀ Back	Run
Search programs and files	Log off 🕨

## Start $\rightarrow$ Engg Apps $\rightarrow$ Cadence Launcher

After opening the Cadence Launcher Tool, login to the Cadence server using your ENGG username and password. All of the other settings on the form should be left at their defaults.

Connect to C	Cadence SSH Server X
P	Hostname (or IP Address): Port:   129.130.40.59 22
User name:	wille
Password:	•••••
	v1.4.4867.15599
🗹 Remember r	ne OK Cancel

It may take a few moments to get logged in. If the login is successful a warning should appear. Read the warning carefully! Make sure to do frequent backups of your work (how to do this will be covered later).

ECE Depart	ment Usage Terms
	Warning! You must read and accept these terms:
	This is a private system maintained by the Electrical and Computer Engineering Department of Kansas State University. Unauthorized use of this system can result in civil and criminal penalties.
<u> </u>	User data on this system can be removed at any time without warning. Please make frequent backups of your projects using the "Download
	Project" option from the Edit menu and save them some place safe.
	I Accept I DO NOT Accept

After you have logged in and accepted the conditions for using the Cadence system, you will be presented with the Project Management Window. From here you will be able to create, launch, download and delete projects. To add a new project, click the "Add" button on the right.

rtoombs@12 Edit Helj	29.130.40.59 - Cadence L p	auncher				- 🗆 X
adence Project	List:				1	
Name	Date Created	Toolkit	Version	Tech	Description	Add
						Remove
						Show Groups
l	Jse the "Add"	button	to cre	ate a r	ew project.	
						Open
						Cadence: Not Running

The "New Project Wizard" will automatically create and setup new projects on the remote Cadence server. Note that all of your work is stored on the server, it is <u>not</u> saved on your local machine!

For now, you will only have access to the NSCU (North Carolina State University) toolkit. Click "Next"

C Add New Project Wizard	×	C Add New Project Wizard	×
	Welcome to the Add New Project Wizard	<b>Toolkit</b> Please select the toolkit for the new project.	
	This wizard will assist you to create a new Cadence project. Click Next to begin.	Below are the toolkits available on this server:	
	< Back Next > Cancel	< Back Next > Cancel	

Select the version of the Toolkit you would like to use. As of writing of this guide, the only version available is 1.5.1. Click "Next."

Give your project a meaningful name. Names can only be alphanumeric and cannot contain any spaces. After you have entered a project name, click "Next."

C Add New Project Wizard	×	Add New Project Wizard	×
Add New Project Wizard		Add New Project Wizard	
Select the toolkit version and technology.		Give your project a name.	
Verison			
Select the toolkit verision.		Project Name	
Verison:		Give the new project a name. Names can o alphanumeric characters and underscores.	nly contain
- Technology		Project Name: inverter	
Select the toolkit technology.			
Technology:			
< Back Next >	Cancel	< Back	Next > Cancel

Once the "Completion" screen verify that the settings for the new project are correct and then click "Finish."

C Add New Project Wizard	×	C Add New Project Wizard	×
Add New Project Wizard Give your project a description. Project Description Give your project a short description to help you remember what is inside of the project. Inverter, 50/20			Completing the Add New Project Wizard You have sucessfully completed the Add new Project Wizard. You selected the following settings: Name: inverter Toolkit: NCSU Version: 1.5.1 Tech: 1.5.1 Description: Inverter, 50/20
< Back Next > Cancel			< Back Finish Cancel

Your new project will then be created on the Cadence server and then added to the Project Management Window.

	).40.59 - Cadence Launch	ier				– 🗆 X
File Edit Help						
Cadence Project List:						
Name	Date Created	Toolkit	Version	Tech	Description	Add
inverter	10/16/2016 02:30 PM	NCSU	1.5.1	1.5.1	Inverter, 50/20	Remove
						Show Groups
						Open
						Cadence: Not Running

To open your new project, select it from the list and click "Open" on the bottom right of the Project Management Window (or double-click on the project). Cadence ICFB will then start and the Project Management Window will become disabled (as shown below).

	st:		1	1			
Name	Date Created	Toolkit	Version	Tech	Description	Add	
nverter	10/16/2016 02:30 PM	NCSU	1.5.1	1.5.1	Inverter, 50/20	Remove	è
						Show Gro	oups

Once Cadence ICFB is closed, the Project Management Window will be re-enabled.

To make a backup of your project, right-click on the project and select "Download Project" from the menu. Select the location to store the downloaded project and give it a name. Note that this will download the project from the server and store it on your local machine.

adence Proj	ect List:						
Name		Date Created	Toolkit	Version	Tech	Description	Add
inverter		Open Project Add New Project Download Project Remove Project		1.5.1	1.5.1	Inverter, 50/20	Remove
							Open