


XCOM 2



PC
DVD-ROM
SOFTWARE

 NVIDIA
GAMEWORKS

 FACEFX


FIRAXIS
GAMES

2K

SYSTEM REQUIREMENTS

MINIMUM

OPERATING SYSTEM: Windows® 7, 64-bit

PROCESSOR: Intel Core 2 Duo E4700 2.6 GHz or AMD Phenom 9950 Quad Core 2.6 GHz

MEMORY: 4GB RAM

HARD DRIVE: 45GB available space

GRAPHICS: 1GB ATI Radeon HD 5770, 1GB NVIDIA GeForce GTX 460 or better

DIRECTX: DirectX 11

SOUND CARD: DirectX compatible sound card

DVD-ROM DRIVE: Required for disc-based installation

RECOMMENDED

OPERATING SYSTEM: Windows® 7, 64-bit

PROCESSOR: 3GHz Quad Core

MEMORY: 8GB RAM

HARD DRIVE: 45GB available space

GRAPHICS: 2GB ATI Radeon HD 7970, 2GB NVIDIA GeForce GTX 770 or better

DIRECTX: DirectX 11

SOUND CARD: DirectX compatible sound card

DVD-ROM DRIVE: Required for disc-based installation

OTHER REQUIREMENTS AND SUPPORT

Initial installation requires one-time Internet connection for Steam authentication; software installations required (included with the game) include Steam Client, Microsoft Visual C++ 2012 and 2013 Runtime Libraries and Microsoft DirectX.

XCOM 2 uses the my2K service. Please visit the my2k support page for any troubleshooting issues

<http://support.2k.com/hc/en-us/articles/201335163-my2K-Frequently-Asked-Questions>

STEAM

XCOM 2 is powered through Steam, an online game platform and distributor. Steam allows for automated updates, easy access to DLC, and a quick way to join up with your friends for Multiplayer games. Steam is required to play *XCOM 2* and an Internet connection will be required only when you first run the game. See the Installation section for more details, or visit

<http://store.steampowered.com/> for more information about the service.

CONTROLS

GENERAL

NAVIGATE UP/DOWN/LEFT/RIGHT	[↑]/[↓]/[←]/[→] or [W]/[S]/[A]/[D]
CONFIRM ACTION	[ENTER] or [SPACEBAR]
CANCEL ACTION	[ESC] or Right Mouse Button

THE AVENGER (General Controls also apply)

NEXT SOLDIER (in Armory)	[TAB] or Mouse Button 4
BRIDGE/GEOSCAPE	[1]
RESEARCH (top level Strategy HUD)	[2]
ENGINEERING (top level Strategy HUD)	[3]
ARMORY (top level Strategy HUD)	[4]
COMMANDER'S QUARTERS (top level Strategy HUD) ..	[5]
SHADOW CHAMBER (top level Strategy HUD)	[6]

GEOSCAPE

MOVE CAMERA	[W]/[S]/[A]/[D]
-------------------	-----------------

TACTICAL (General Controls only active in Pause Menu)

OPEN SHOT HUD/CONFIRM ACTION	[SPACEBAR]/[ENTER]
NEXT UNIT/TARGET	[TAB] or Mouse Button 4
PREVIOUS UNIT/TARGET	Left [SHIFT] or Mouse Button 5

ABILITY 1-10	[1]–[0]
OVERWATCH	[M]
RELOAD	[R]
CAMERA MOVE UP/DOWN/LEFT/RIGHT	[W]/[S]/[A]/[D]
CAMERA ROTATE LEFT/RIGHT	[Q]/[E]
CAMERA TOGGLE ZOOM LEVEL	[G]/[T]
CAMERA FREE ZOOM	Mouse Wheel
ASCEND/DESCEND FLOOR	[F]/[C]
END TURN	[END] or [BACKSPACE]
CALL SKYRANGER	[P]
WAYPOINT MOVEMENT	Hold [CONTROL] + Right Mouse Button
MOVE UNIT TO CURSOR	Right Mouse Button
QUICK SAVE	[F5]
QUICK LOAD	[F9]

GAME SCREEN



1. CONCEALMENT STATUS

The hooded icon and blue overlay indicates the enemy is unaware of your squad's presence. Your squad begins most missions in Concealment; use this advantage to engage the enemy on your terms.

2. OBJECTIVES

Displays and tracks your primary and secondary mission objectives. The primary objective for most missions is to kill all enemies, however there are a variety of secondary objectives to complete on a per-mission basis.

3. END TURN/SQUAD SELECT/CAMERA ROTATE/CALL SKYRANGER

These buttons can be used to end your turn, switch between squad members, rotate the camera, or call a Skyranger for evac.

4. UNIT FLAG

Shows detailed info for the currently selected soldier, including: Health, Armor, Action Points, Cover Status, Overwatch/Concealment Status, and any Positive or Negative Status effects.

5. WEAPON/AMMO

Displays weapon and ammo information for the currently selected soldier.

6. ACTIONS

Shows all of the actions available for the selected soldier, including relevant contextual abilities such as Hack, Interact, and Open/Close. Click once on any action icon to view its effects. Actions that cannot be performed are greyed out and may show a number indicating the number of turns required before the action can be used again. Red/Yellow/Grey icons above the action bar indicate the number of enemies within the soldier's line of sight.

7. SOLDIER NAME/SPECIAL ACTIONS

Displays the name, class, and rank of the selected soldier along with any special actions that soldier may be able to perform.

TACTICAL LAYER

The tactical layer of XCOM 2 consists of gameplay that occurs while on a mission. Most tactical maps in XCOM 2 are procedurally generated, offering a different experience each time you load into a mission.

HEALTH

The square markers on the Unit Flag represent an individual soldier's health. You can restore a soldier's health or stabilize a critically wounded soldier in the field via Medikits or the Gremlin drone, used by the Specialist class. Medikits must be built via Engineering and equipped on a soldier.

NOTE: Soldiers killed in combat cannot be resurrected and are permanently removed from your squad. Active soldiers can attempt to extract the bodies of dead, unconscious, or critically wounded comrades using the Carry Body action. Successfully extracting a dead soldier allows you to keep any weapons, items, and equipment that they were carrying, while critically wounded soldiers heal over time and can rejoin your squad.

MOVEMENT

Each soldier has 2 Action Points that can be spent on movement, attacks or abilities. These are represented by "pips" on the Unit Flag. When selecting a

soldier, a Blue outline displays the movement range for a single Action point, and a Yellow outline displays the “Dashing” movement range for 2 Action Points.

To maintain concealment, use Waypoint Movement by holding [CTRL] while selecting tiles to specifically set a unit's path.

NOTE: Areas marked with a red eye icon break concealment when entered. Additional icons indicate if movement through a tile can break concealment by making too much noise (i.e. breaking glass) or if the unit will pass through an environmental hazard such as fire.

COVER

Cover is essential for troop survival in any encounter and reduces the chances of your units being hit by enemy fire. Most physical objects on the map provide some form of cover, represented by a shield icon. A half-shielded icon represents low cover, and a full shield icon represents high cover. High cover provides the greatest defensive position for your soldiers, but low cover is better than no cover at all.

NOTE: A yellow shield icon indicates an enemy currently flanks the unit in that direction. A red shield icon indicates the unit will be flanked if they move to that location.

CONCEALMENT

Most missions begin with your squad in Concealment, meaning the enemy is totally unaware of their presence. Concealment is represented by a blue overlay in the corners of the screen and a hooded figure icon, located at the top of the screen and on the Unit Flag. Firing a weapon, moving into an enemy's line of sight (represented by a red eye icon), or making too much noise breaks Concealment for your squad. Use Concealment to set up ambushes and engage the enemy on your terms.

ACTIONS

Actions are commands your squad can perform during a mission. All soldier classes share a few basic actions:



FIRE WEAPON: The unit attacks their designated target. Highlight a target to view the unit's odds of landing a successful hit, the projected damage and the chance for a Critical hit.



RELOAD: Causes the soldier to reload their weapon. If a weapon's magazine is empty, the soldier must take a reload action before firing again.



OVERWATCH: The unit remains in position and automatically attacks any enemy that attempts to move within its line of sight with an Aim penalty. When activated in Concealment, Overwatch only triggers when Concealment is lost.



HUNKER DOWN: The unit gains a defensive boost, but their line of sight decreases until the next turn.



HACK: Certain objects and enemies can be hacked, shutting them down or placing them under your team's control. Move a squad member within hacking range and select the Hack action to make an attempt. There are multiple hacking tiers for units, which impact the rewards obtained from a successful attempt. All squad members can hack, but only the Specialist class can hack mechanical/robotic enemies using the Haywire Protocol ability.



INTERACT: Used to open or close doors, plant explosives, or for any action that requires interacting with the environment.



LOOT: Enemies have a chance to drop loot which contains resources and equipment when defeated. When dropped, the loot displays a radius marker and a turn timer. Move a unit within the radius marker before the timer expires to collect the loot. Loot can be destroyed if the enemy is killed using an explosive. Loot on the map that has not expired when the mission is completed will automatically be recovered.



EXTRACTION: Extraction points are used to rescue VIPs and fallen squad members, as well as to end a mission if all soldiers are extracted. Select the Call Skyrainger action in the upper-right corner of the screen to set an extraction point, indicated by a colored grid. Red areas indicate invalid locations; the grid must be entirely blue in order to successfully place the extraction point. Certain mission types have pre-placed extraction zones.



CARRY: Use this action to pick up a fallen or wounded soldier. Successfully deliver a fallen soldier to an extraction point to retain any items/equipment they carry or prevent them from bleeding out.

Each soldier class has several unique abilities, with additional abilities unlocked each time the unit gains a rank. Certain Facilities can also provide additional abilities in the field.

SOLDIER CLASSES

A soldier's class determines their role on the battlefield. Each class has several unique abilities that can be unlocked as they gain ranks, divided into two areas of specialization.



RANGER

Rangers are masters at remaining undetected and highly effective at close range encounters. The Scout specialization focuses on abilities that maintain concealment. The Assault specialization provides abilities that focus on the Ranger's combat and movement options.



SPECIALIST

Specialists use the Gremlin drone to assist their squad in the field. Battle Medic abilities can heal or provide additional bonuses to allies, while Combat Hacker abilities boost the Specialist's aptitude to break into and attack enemy systems.

GRENADIER



Grenadiers like to hit hard with big, heavy weapons and things that go boom. Demolitions Expert specialization provides abilities that improve the effectiveness of explosive weaponry, including the Grenadier's grenade launcher. The Heavy Gunner specialization grants the Grenadier abilities that increase effectiveness of armor and the heavy cannon.

SHARPSHOOTER



The Sharpshooter is an expert with sniper rifles and pistols. Sniper abilities focus on long-range attacks, while Gunslinger abilities improve the Sharpshooter's skill with pistols.

PSI OPERATIVE



Born from advanced research into ADVENT technologies, Psi Operatives are the latest addition to the XCOM squad. Little is known about their abilities, but it's rumored they can boost ally effectiveness or disrupt enemy actions in the field. Psi Operatives rank up through training in the Psi Chamber as opposed to their performance in the field.

STRATEGY LAYER

The strategy layer of *XCOM 2* represents all actions taken between missions. These include deciding your next mission and expanding the Avenger—XCOM's mobile headquarters.

THE AVENGER



A massive mobile base liberated from ADVENT, the Avenger is the place XCOM calls home. You begin with only a few basic facilities; the majority of rooms in the Avenger are filled with alien debris. As the need for new facilities arises, you can assign engineers to clear these rooms and gain valuable resources in the process.

STARTING FACILITIES

COMMANDER'S QUARTERS: View the monthly Avenger report, XCOM Archives, and current objectives.

BRIDGE: Access the Geoscape, search for ADVENT activity, and grow the Resistance.

RESEARCH: Research and development happens here. You are prompted to visit when new research projects are available, but note that only one project can be researched at a time. You can also view Research Archives and a list of current scientists.

ARMORY: Come here to view and manage your soldiers: give promotions, customize their names and appearances, recruit new soldiers, change loadouts, and apply weapon upgrades. View the Memorial to witness those who have fallen in battle.

ENGINEERING: Build new items, weapons, armor, and facilities here. You can also view your current inventory and list of engineers.

BAR/MEMORIAL: Current staff can be seen unwinding after battles and work here. A Memorial to fallen soldiers can also be viewed.

LIVING QUARTERS: Soldiers, engineers, and scientists live here. Visit to view a list of current personnel and their current assignment.

STAFFING

You can assign scientists, engineers, and Gremlins to specific rooms to provide bonuses, such as reduced research times or increased healing for wounded soldiers. Note that engineers are required to excavate new rooms in the Avenger before new facilities can be built.

GEOSCAPE



Accessible from the bridge of the Avenger, the Geoscape is where you oversee the operations of XCOM. Here you can scan for hostile alien actions, contact resistance cells, seek out valuable resources, and move the Avenger. Click the scanning icon next to the Avenger's current location to begin monitoring ADVENT activity and advance time.

DARK EVENTS: The ADVENT is hard at work on their own plans to topple the Resistance that, if completed, provide bonuses to the enemy. Dark Events notify you of the ADVENT's progress towards completing their goals. Choosing specific Guerrilla Ops missions allows you to counter their progress.

MISSION TYPES

CRITICAL MISSIONS: Objectives focus on disrupting the ADVENT's mysterious Avatar Project.

GUERRILLA OPS: Completing these missions disrupts the ADVENT's secondary objectives (Dark Events) and helps to supply the resistance.

RESISTANCE COUNCIL MISSIONS: Completion strengthens and spreads the resistance.

RETALIATION MISSIONS: Stop the ADVENT from taking out resistance outposts and save as many people as possible.

RUMORS FROM THE RESISTANCE: Investigate rumors to potentially discover valuable resources and information. These missions do not deploy your squad, but require a set amount of time to complete.

AVENGER DEFENSE MISSIONS: The Avenger has come under attack from ADVENT forces and must land for repairs. Defend the Avenger until repairs are complete.

SUPPLY LINE RAIDS: Attack ADVENT supply lines and claim valuable resources.

ALIEN FACILITY MISSIONS: Bring down critical ADVENT facilities and prevent them from contributing to the Avatar Project.

MULTIPLAYER

XCOM 2 lets players face off in head-to-head squad-based combat against other human competitors online using squads comprised of a mix of XCOM soldiers, ADVENT, and aliens. You can also use a LAN to play local multiplayer matches.

RANKED MATCH

Ranked matches count toward your standing on the XCOM 2 Leaderboards, found on the Multiplayer menu.

QUICK MATCH

Selecting Quick Match will automatically search for the next available unranked public match.

CUSTOM MATCH

Host a custom Public or Private match using the rules and options of your choosing. You can also join a custom match hosted online by other players.

CHARACTER POOL

The Character Pool allows for units to be customized that will then populate in-game when recruiting new soldiers or as VIP's in missions.

CREDITS

FIRAXIS GAMES

TEAM LEADERSHIP

Creative Director

Jake Solomon

Lead Engineer

Ryan McFall

Art Director

Greg Foertsch

Senior Producer

Garth DeAngelis

DESIGN TEAM

Creative Director

Jake Solomon

Designer/Programmer

Mark Nauta

Additional Design

Ananda Gupta

Brian Urbanek

Lead Level Designer

Brian Hess

Level Designer and Scripter

James Brawley

Level Designers

Todd Broadwater

Matthew D'Arcangelo

Additional Level Design

Orion Burcham

Liam Collins

Lead Writer

Scott Wittbecker

Narrative Designer

Chad Rocco

PRODUCTION TEAM

Senior Producer

Garth DeAngelis

Producers

Clint McCaul

Amy Pickens

Rosalie Kofsky-Schumpert

Technical Producer

Griffin Funk

ENGINEERING TEAM

Lead Engineer

Ryan McFall

Lead Systems Engineer

Ned Way

Systems Engineer

Russell Aasland

Lead Graphics Engineer

Scott Boeckmann

Graphics Engineers

Jeremy Shopf

Michael Donovan

Kenneth Derda

Lead User Interface Engineer

Brittany Steiner

User Interface Engineers

Sam Batista

Joe Cortese

Brian Whitman

Lead Gameplay Engineers

Dan Kaplan

Casey O'Toole

Señor Gameplay Engineer

David Burchanowski

Gameplay Engineers

Alex Cheng

Joshua Bouscher

Josh Watson

Damian Slonneger

Joseph Weinhover

Multiplayer Engineers

Tim Talley

Todd Smith

Additional Engineering Support

Shaun Seckman

Pat Miller

ART TEAM

Art Director

Greg Foertsch

Lead Animator

Dennis Moellers

Senior Animators

Justin Thomas

Kevin Bradley

Louis Ferina

Animators

Rachel Anchors

Hector Antunez

Bryan Twomey

John Stewart

Additional Animation

Aaron Andersen

Senior Technical Animator

John Stewart

Technical Animator

Brian Evans

Lead Cinematic Artist

Andrew Currie

Cinematic Artist

John Heeter

Lead Character Artist

Chris Sulzbach

Character Artists

Andrew Kincaid

Alan Denham

Stephanie Gitlin

Marie-Michelle Pepin

Additional Character Art

Matthew Kean

Peter Anderson

Lead Weapon Artist

David Pacanowsky

Weapon Artist

Ben Leary

Lead Environment Artists

Toby Franklin

Brian Theodore

Nathanael Broach

Environment Artists

Justin Rodriguez

David Pacanowsky

Brian Mahoney

Brian Theodore

Andrew Griffin

Morgan Hill

Neal Jany

David Black

Rambo Siu

Lee Arnest

Mike Unkrich

Additional Environment Art

Steve Egrie

Evan Herbert

Vincent Mayeur

Matt Demaray

Lead Technical Artist

Zeljko Strkalj

Technical Artists

John Heeter
David Black

Lead Effects Artist

Stephen Jameson

Effects Artists

John Heeter
Rick Menkhaus

Effects Support

Jennifer Kraft
Kelsey Orem

Lighting Artists

Chris Perrella
Zeljko Strkalj

User Interface Artists

Jason Montgomery
Zeljko Strkalj

Additional User

Interface Art

Rob Sugama
Steve Ogden

Motion Graphics Lead

Steve Ogden

Concept Artists

Piero Macgowan
Aaron Yamada-Hanff
Seamas Gallagher
Dongmin Shin
Aaron Whitehead

Additional Concept Art

Mike Tassie
Taylor Fischer

Art Interns

Daniella Zeman
John Dunford
Matt McAuliffe

AUDIO TEAM

Lead Audio Designer

Chris D'Ambrosio

Audio Engineers

Dan Price
Griffin Cohen
Roland Rizzo
Daniel Costello

Additional Audio Support

Alex Ortiz

QUALITY ASSURANCE TEAM

QA Supervisor

Timothy McCracken

QA Lead

Michael Kotey

Quality Assurance

Jennifer Kraft
Terrance Meyers
Kelsey Orem
Dominic Mancuso
Daron Carlock
Carlton Harrison
Matt Shirk

FIRAXIS LIVE TEAM

Producer

Clint McCaul

Lead Architect

Michael Springer

Sr. Engineers

Rob Dye
Adam Sherburne

FIRAXIS

MANAGEMENT TEAM

President & Studio Head

Steve Martin

Creative Director

Sid Meier

Executive Producer

Kelley Gilmore

Director of Gameplay Development

Barry Caudill

Director of Software Development

Steve Meyer

Studio Art Director

Arne Schmidt

Marketing Director

Lindsay Riehl

Marketing Associate

Pete Murray

Community Manager

Kevin Schultz

Human Resources Director

Shawn Kohn

Human Resources Assistant

Beth Petrovich

Office Manager

Donna Milesky

Accounting Assistant

Joanne Miller

IT Manager

Josh Scanlan

Systems/Network Technician

Matt Baros
David McFall

Special Projects

Coordinator

Susan Meier

Production Babies

Calvin Steiner-Bloyer
Leah Emily Schneider
Chase Xavier Boeckmann
Morgan Joleigh Currie
Dominic Ferina

2K PUBLISHING

Published by 2K

2K is a publishing label of Take-Two Interactive Software, Inc.

President

Christoph Hartmann

C.O.O.

David Ismailer

2K PRODUCT DEVELOPMENT

VP, Product Development

John Chowanec

Director of Product Development

Melissa Miller

Sr. Producer

Garrett Bittner

Producer

Iain Willows

Associate Producers

Casey Coleman
Doug MacLeod

Additional Production Support

Tiffany Nagano

Digital Release Manager

Tom Drake

Digital Release Assistant

Myles Murphy

**2K CREATIVE
DEVELOPMENT**

VP, Creative Development
Josh Atkins

Creative Director
Eric Simonich

Design Director
Joe Quadara

Art Director
Robert Clarke

Media Producer
Mike Read

Associate Media Producer
Scott James

**Developer Support Team-
Producer**
Etienne Grunenwald

**Developer Support Team-
Cinematic Leads**
Jarrette Torcedo
Leslie Harwood

**Developer Support Team-
Cinematics**
Ly Chung
Justin Mettam
Ryan Hanscom
Perry Cucinotta

**Developer Support Team-
Visual Effects Lead**
Stephen Babb

**Developer Support Team-
Animation Lead**
PJ Leffelman

**Developer Support Team-
Animation**
Keiko Taka
Si Tran
Morgan Earl
Lizz Kupfer
Shun Li
Jonathon Marshall

**Developer Support Team-
Modeling Lead**
Peter Turner

**Developer Support Team-
Lighting Artist**
Ramnath Sundaresan

**Director, Creative
Production**
Jack Scalici
Chad Rocco

**Sr. Manager, Creative
Production**
Josh Orellana

**Creative Production
Coordinator**
William Gale

**Creative Production
Assistants**
Cathy Neeley
Megan Rohr

**Director of Research and
Planning**
Mike Salmon

Sr. Market Researcher
David Rees

User Testing Assistant
Jonathan Bonillas

Motion Capture Supervisor
David Washburn

**Motion Capture Lead
Integrator**
Anthony Tominia

**Motion Capture Stage
Technicians**
Jen Antonio
Emma Castles
Jeremy Schichtel
Alexandra Grant
Christopher Barton

**Motion Capture Production
Manager**
Charles Ghislandi

Motion Capture Specialists
Ryan Girard
Michelle Hill
Jose Gutierrez
Gil Espanto
Jeremy Wages

**Motion Capture Media
Supervisor**
J. Mateo Baker

2K CORE TECH

VP, Technology
Naty Hoffmam

Director of Technology
Mark James

Sr. Online Architect
Louis Ewens

Principal Technical Artist
Jonathan Tilden

Software Engineer
Jack Liu

my2K TEAM

Sr. Architect
David R. Sullivan

Lead Engineer
Adam Lupinacci

Producer
Jason Johnson

Jr. Technical Producer
Nick Silva

Sr. Software Engineers
Alberto Covarrubias
Dale Russell
Robin Lavallee
Sky Schulz

Software Engineer
Scott Barrett

Jr. Engineer
Sourav Dey

**Associate Software
Engineer**
Taylor Owen-Millner

Intern
Nicholas Crowley

Sr. Dev Ops Engineer
Matthew Rich

QA Manager
Ian Moore

Testers
Greg Vargas
Mackenzie Hume

2K MARKETING

SVP, Marketing
Sarah Anderson

VP, Marketing
Matt Gorman

VP, International Marketing
Matthias Wehner

**Director of Marketing,
North America**
Kelly Miller

Sr. Brand Manager

Matt Knoles

Product Manager

Jenny Tam

**VP of Communications,
The Americas**

Ryan Jones

**Sr. Communications
Manager**

Jessica Lewinstein

Communications Manager

Jennifer Heinser

**Sr. Manager, Community
Content**

Darren Gladstone

**Community and Social
Media Managers**

David Hinkle

Content Designer

Adrienne Pugh

Community Associate

Marion Dreo

**Creative Director,
Marketing**

Gabe Abarcar

**Sr. Director, Marketing
Production**

Jackie Truong

**Associate Marketing
Production Manager**

Ham Nguyen

**Marketing Production
Assistant**

Nelson Chao

Sr. Graphic Designer

Christopher Maas

Project Manager

Heidi Oas

Video Production Manager

Kenny Crosbie

**Video Editor & Motion
Graphics Designers**

Michael Regelean

Eric Neff

Video Editor

Peter Koepfen

Associate Video Editors

Doug Tyler

Nick Pylvanainen

Web Director

Nate Schaumberg

Sr. Web Designer

Keith Echevarria

Web Developers

Alex Beuscher

Gryphon Myers

Web Producer

Tiffany Nelson

**Channel Marketing
Managers**

Anna Nguyen

Marc McCurdy

**Digital Marketing
Coordinator**

Kelsie Lahti

Sr. Director of Events

Lesley Zinn Abarcar

Events Manager

David Iskra

Director, Customer Service

Ima Somers

Customer Service Manager

David Eggers

**Knowledge Base
Coordinator**

Mike Thompson

**Customer Service
Coordinator**

Jamie Neves

**Customer Service
Associate Lead**

Crystal Pittman

**Senior Customer Service
Associates**

Alicia Nielsen

Patrick Moss

Sean Barker

**Director, Partnerships &
Licensing**

Jessica Hopp

**Partnerships & Licensing
Manager**

Ryan Ayalde

**Partner Marketing
Coordinator**

Ashley Landry

Marketing Assistant

Kenya Sancristobal

2K OPERATIONS**SVP, Senior Counsel**

Peter Welch

Counsels

Justyn Sanderford

Aaron Epstein

VP, Publishing Operations

Steve Lux

**Director of Label
Operations**

Rachel DiPaola

Director of Operations

Dorian Rehfield

**Partner Marketing
Manager**

Dawn Earp

**International Project
Manager**

Ben Kvalo

**Licensing & Operations
Specialist**

Xenia Mul

Operations Coordinators

Peter Driscoll

Aaron Hiscox

2K IT**Sr. Director, 2K IT**

Rob Roudebush

IT Manager

Bob Jones

Sr. Network Manager

Russell Mains

Systems Engineers

Jon Heysek

Lee Ryan

Systems Administrators

Fernando Ramirez

Tareq Abbassi

Scott Alexander

Davis Krieghoff

IT Analyst

Michael Caccia

2K QUALITY ASSURANCE

Sr. VP of Quality Assurance

Alex Plachowski

Test Manager

Doug Rothman

Submission Manager

Scott Sanford

Project Lead

Jason Kolesa

Support Leads

Chris Adams

Nathan Bell

Associate Leads

Alex Coffin

Ruben Gonzalez

Steve Yun

Senior Testers

Joshua Vance

Regina Moinichen

Kayla Mager

Kristine Romine

Zack Gartner

Testers

Adam Junior

Alexis White

Ashley Sears-Romano

Barbara Mullen

Branden Nash

Brian Reiss

Cassandra Del Hoyo

Charlene Artuz

Cody Roemen

Ericka Cole

Greg Jefferson

Jae Maidman

Jake Merryman

James Hagen

James Schindler

Jordan Leano

Kristina Benitez

Kyle Cobos

Kyle Marton

Lionel Brandon

Mailanee Anderson

Miguel Garcia

Oswaldo Carrillo-Ureno

Robert Bryant

Sophia Medeiros

Todd White

Travis Allen

Zacaree Walters

IT Manager

Chris Jones

2K Las Vegas IT

Kris Jolly

Juan Corral

Eric Chung

Todd Ingram

Cameron Steed

Special Thanks

Alexandria Belk

Ashley Fontaine

Candice Javellonar

David Barksdale

Eric Zala

Jeremy Ford

Jeremy Richards

Joe Bettis

Leslie Cullum

Louis Napolitano

Rachel Hajewski

2K INTERNATIONAL

General Manager

Neil Ralley

Senior International

Product Manager

David Halse

International PR Manager

Wouter van Vugt

International Social Media and Content Executive

Ibrahim Bhatti

2K INTERNATIONAL PRODUCT DEVELOPMENT

International Producer

Sajjad Majid

Head of Creative Services and Localisation

Nathalie Mathews

Localisation Project Manager

Emma Lepeut

External Localisation Teams

Around the Word

Effective Media GmbH

Synthesis Iberia

Synthesis International srl

QLOC S.A.

Localisation tools and
support provided by XLOC
Inc.

2K INTERNATIONAL QUALITY ASSURANCE

Localisation QA Manager

José Miñana

Mastering Engineer

Wayne Boyce

Mastering Technician

Alan Vincent

Localization QA Senior Lead

Oscar Pereira

Localization QA Project Leads

Elmar Schubert

Jose Olivares

Localization QA Leads

Fabrizio Mariani

Florian Genthon

Karim Cherif

Associate Localization QA Lead

Cristina La Mura

Senior Localization QA Technicians

Alba Loureiro

Christopher Funke

Enrico Sette

Harald Raschen

Jihye Kim

Johanna Cohen

Pierre Tissot

Sergio Accettura

Localization QA Technicians

Carlos Muñoz Díaz

Christiane Molin

David Swan

Dimitri Gerard

Etienne Dumont

Gabriel Uriarte

Gulnara Bixby

Iris Loison

Javier Vidal

Julio Calle Arpon

Luca Magni

Manuel Aguayo

Martin Schücker

Namer Merli

Nicolas Bonin

Norma Hernandez

Pablo Menéndez

Roland Habersack

Rüdiger Kolb

Samuel Franca
Seon Hee C. Anderson
Shawn Williams-Brown
Sherif Mahdy Farrag
Stefan Rossi
Timothy Cooper
Yury Fesechka

Design Team

James Quinlan
Tom Baker

2K INTERNATIONAL MARKETING AND PR TEAM

Agnès Rosique
Alan Moore
Aaron Cooper
Belinda Crowe
Ben Seccombe
Bernardo Hermoso
Carlo Volz
Caroline Rajcom
Chris Jennings
Chris White
Dan Cooke
Daniel Hill
Dennis de Bruin
Devon Stanton
Diana Freitag
Francois Bouvard
Gemma Woolnough
Jan Sturm
Jean Paul Hardy
Jesús Sotillo
Julien Brossat
Lieke Mandemakers
Maria Martinez
Oliver Keller
Sandra Melero
Sean Phillips
Simon Turner
Stefan Eder
Tim Smith
Warner Guinée

TAKE-TWO INTERNATIONAL OPERATIONS

Anthony Dodd
Nisha Verma
Phil Anderton
Robert Willis
Denisa Polcerova

2K ASIA TEAM

Asia Sr. Publishing Director
Jason Wong

**Asia Sr. Marketing
Manager**
Diana Tan

Asia Sr. Brand Manager
Tracey Chua

Asia Marketing Manager
Daniel Tan

Product Executives
Rohan Ishwarlal
Sharon Lim

**China Senior Brand
Manager**
Jason Dou

Japan Marketing Manager
Maho Sawashima

Korea Marketing Manager
Dina Chung

Localization Manager
Yosuke Yano

Localization Assistant
Yasutaka Arita

TAKE-TWO ASIA OPERATIONS

Eileen Chong
Veronica Khuan
Chermine Tan
Takako Davis
Ryoko Hayashi

TAKE-TWO ASIA BUSINESS DEVELOPMENT

Erik Ford
Syn Chua
Ellen Hsu
Paul Adachi
Fumiko Okura
Hidekatsu Tani
Henry Park
Fred Johnson
Julius Chen
Ken Tilakaratna
Albert Hoolsema

2K CHINA QUALITY ASSURANCE

QA Director
Zhang Xi Kun

Localization QA Manager
Du Jing

Localization QA Project Leads

Chu Jin Dan
Zhu Jian

Lead QA Tester
Shigekazu Tsuuchi

Senior QA Testers
Qin Qi
Kan Liang
Cho Hyunmin

QA Testers
Ning Xu
Tan Liu Yang
Bai Xue
Tang Shu
Jin Xiong Jie
Hu Meng Meng

QA Testers

Ning Xu
Tan Liu Yang
Bai Xue
Tang Shu
Jin Xiong Jie
Hu Meng Meng

Junior QA Testers

Mao Ling Jie
Yan Yan
Zhou Qian Yu
Song Shi Xue
Zhao Yu
Li Ling Li
Wang Ce
Liu Kun Peng
Zou Zhuo Ke
Tang Dan Ru
Cheng Xue Mei
Xiao Yi

IT Engineers

Zhao Hong Wei
Hu Xiang
Li Ting Zhu

FOX SOUND STUDIOS

Rick Fox
Victoria Fox

CAST

Central
Brian Bloom

Shen
Carlye Pollack

Tygan
Gary Anthony Williams

Advent Speaker
Brandon Keener

Councilman
Jon Bailey

Soldiers/Additional Voices

Chris Jai Alex
 Cherise Boothé
 Feodor Chin
 Brian T. Delaney
 Dimitri Diatchenko
 Greg Eagles
 Kate Higgins
 Andrew Kishino
 Misty Lee
 Erica Luttrell
 Elizabeth Maxwell
 Matt Mercer
 Dave B. Mitchell
 Sumalee Montano
 Melissa Pino
 Jonathan Roumie
 April Stewart
 Courtenay Taylor
 Rick Wasserman
 Fryda Wolff

VO Directors

JB Blanc
 Liam O'Brien
 Amanda Wyatt

FRENCH CAST**Central**

Pierre Tessier

Shen

Adeline Chetail

Tygan

Philippe Catoire

Advent Speaker

Cyrille Monge

Councilman

Pierre Dourlens

Soldiers/Additional Voices

Jessica Barrier
 Christine Bellier
 Audrey Botbol
 Julia Boutteville
 Fabien Briche
 Pascal Casanova
 Marie Chevalot
 Catherine Desplaces
 Cathy Diraison
 Geneviève Doang
 Nadine Girard
 Claudine Gremy
 Damien Hartmann
 Laëtitia Lefebvre
 Fabrice Lelyon
 Bertrand Liebert
 Stéphane Marais

Bruno Meyere
 Jean-Marco Montalto
 Bertrand Nadler
 Benjamin Pascal
 Jean-Philippe Pertuit
 Véronique Picciotto
 Geoffrey Vigier
 Isabelle Volpe
 Marie Zidi

GERMAN CAST**Central**

Erik Schäffler

Shen

Antje von der Ahe

Tygan

Thomas Dehler

Advent Speaker

Renier Baaken

Councilman

Manfred Erdmann

Soldiers/Additional Voices

Achim Barrenstein
 Andrea Dewell
 Birte Siehling
 Christoph Maasch
 Dirk Harddeger
 Gergana Muskalla
 Gero Wachholz
 Gisa Bergmann
 Heiko Grauel
 Julia Rothfuchs
 Katalyn Bohn
 Katrin Laksberg
 Marco Reinbold
 Michael Lucke
 Nina Hecklau
 Nora Johkosha
 Oliver Schmitz
 Peter Dischkow
 Peter Wenke
 Pirkko Cremer
 Renier Baaken
 Sabina Godec
 Sandra Lühr
 Sebastian Huther
 Stefan Senf
 Steffen Wilhelm
 Tanja Landgraf
 Tanja Lipinski

ITALIAN CAST**Central**

Zanotti Paolo

Shen

Francesca Chiara

Tygan

Pandolfi Silvio

Advent Speaker

Corbetta Oliviero

Councilman

Ciravolo Natale

Soldiers/Additional Voices

Appetiti Luca
 Atepi Giuliana
 Avateneo Giovanna
 Baldoïn Diego
 Bertocchi Alice
 Bongiorno Alice
 Brioschi Domenico
 Caggiula Beatrice
 Calatroni Jacopo
 Ciravolo Natale
 Colombo Sonia
 Conte Alessandro
 Corbetta Oliviero
 De Cesarei Jenny
 Decio Carlo
 Ferrari Stefano
 Francesca Chiara
 Fumagalli Davide
 Germano Alessandro
 Lussiana Alessandro
 Magri Rebecca
 Marchingiglio Gabriele
 Marengi Maura
 Matera Lucy
 Molos Eleni
 Morese Deborah
 Palumeri Federico
 Pandolfi Silvio
 Perilli Francesca
 Schirolli Elisa
 Sorrentino Katia
 Starna Stefano
 Testa Alessandro
 Tretto Francesca

SPANISH CAST**Central**

Vicente Gil

Shen

Olga Velasco

Tygan

Adolfo Pastor

Advent Speaker

Carlos López Benedi

Councilman
Ángel Amorós

Soldiers/Additional Voices

Alfredo Martínez
Alma Naranjo
Ana Isabel Rodríguez
Ana Jiménez
Ana Plaza
Arantxa Franco de Sarabia
Arturo López
Carlos López Benedí
David Blanco
Emma Cifuentes
Enrique Suárez
Gema Carballado
Javier Gámir
Juan Carlos Lozano
Juan Navarro
Juan Rueda
Marta Méndez
Marta Sáinz
Miguel Ángel Pérez
Olga Velasco
Ramón Reparaz
Roberto Cuadrado
Rosa Vivas
Salomé Larrucea
Salvador Serrano
Sergio Goicoechea
Silvia Salgado
Yolanda Pérez

UK CAST

Soldiers/Additional Voices

Adam Howden
Alan Turkington
Beatriz Romily
Denise Gough
Kezia Burrows
Naomi Mcdonald
Russ Bain
Sandy Batchelor
Shane Taylor
Whitney Boyd

Motion Capture Performers

Ray Carbonel
Paul Ghiringhelli
Thomas Gorrebeeck
Lucas Hutton
Jamerson Johnson
Edward Kahana
Lyndsy Kail
Noah Lahat
Gary Neil
Danielle O'Dea
Lucas Okuma
Carlye Pollack

Allen Pontes
Dennis Ruel
Sari Sabella

VO RECORDING STUDIOS

Lime Studios

Dialog Recordist

Tom Paolantonio

Producer

Susie Boyajan

Polarity Post Studio

Dialog Recordists

Jerel Bromley
Miik Dinko
Jim Lively

VO EDITORS

Supervising Dialogue Editor

Dante Fazio

Additional Editors

Austin Krier
Garrett Montgomery M.P.S.E.
Rick Polanco
Stephen Selvaggio
Anthony Sorise
Robert Weiss

Music Composed by

Tim Wynn

Cinematic Sound Design - Source Sound, Inc.

Sound Supervision

Charles Deenen
Tim Gedemer

Lead Sound Designer

Csaba Wagner

Dialog & Foley Supervision

Braden Parkes

Sound Editors

Paul Gorman
Mike Schapiro
Colin Hart
Ricardo Hernandez
Jim Schaefer
Travis Pratert
Bryan Jerden

Mixers

Tom Brewer
Charles Deenen

Concept Artwork - Opus Artz

Concept Artists

Chee Ming Wong
Bjorn Hurri
Alex Heath
Daniel Matthews
Felix Bauer-Schlichtegroll

Cinematic Production Services - Waterproof Studios Inc.

Director of Business Development

Carl Whiteside

Chief Technology Officer/

Chief Science Officer

Martin Kumor

Chief Financial Officer

Albert Lim

Creative Director

Ian Fenton

Director

Matt Holdenried

Studio Producer

Jo'Sun Fu

Production Coordinator

Colin Davidson

CG Supervisor

Aaron Zacher

Rigging Lead

Arron Robinson

Senior Modeler

Max Wahyudi

Modelers

Bo Yeon Kwon
Manuel Armonio
Richard Trska

Senior Animator

Blake Piebenga

Animators

Richard Gillies
Kelly Starke
Alex Ushijima
Rob Yau

Lighting Lead

Max Wahyudi

Compositing and FX Lead

Winston Fan

Compositing Artist

Guillem Rovira

Unreal Engineers

Trent Atwood
David Cheung

Cinematic Production

Services - HALON
Entertainment LLC

Cinematic Director

Daniel D. Gregoire

Supervisor

Ryan McCoy

Engine Specialists

Jason Choi
Youna Kang

Engine TD

Casey Christopher Benn

Cinematic Animators

Igor Choromanski
Andrew Moffett
Garrett O'Neal
Todd Patterson
Andrew Rose
Ruel Smith
Randy Wilson
Timothy Xenakis
Paolo Joel Ziemba

Motion Capture Actors

Richard Dorton
Alina Andrei

Comp Artist

Bryan Locantore

Modelers

Alex Chiles
Maggie Chung
Timothy C. Graybill
Christina Hall
Brian Magner

Storyboard Artist

Vania Astari Arrifin

Concept Art

One Pixel Brush

Senior Producer

Patrice Avery

Producer

Richard Enriquez

Production Assistant

Taylor Finan

Additional Motion Capture

Facilities provided by
Profile Studios

Additional Support

Additional Animation
Scott Dossett

Additional Environment
Modeling

Gameshastra Solutions

Cinematic Production

Services: Applied
Cinematics

Mike O'Rourke
Jason Flynn

Additional Development:
The Workshop**Project Lead/Producer**

Mike Luyties

Lead Programmer

Mark Domowicz

Lead Artist

Sunni Han

Code

Rick Matchett
Aaron Smith
Adam Smith
Yu Tak Ting
Bryan Topp
Chang You Wong

Art

Gary Huang
Brett Lo
Mario Wiechec
Paul Wu

Production**Executive Producer**

Matt Stokes

Also For The Workshop**President/CEO**

Peter T. Akemann

General Manager

Christopher A. Busse

Chief Technical Officer

Charles Tolman

Head of Operations

Tiffany Tolman

Office Assistant

Andra Petru

SPECIAL THANKS

Strauss Zelnick
Karl Slatoff
Lainie Goldstein
Dan Emerson
Jordan Katz
David Cox
Steve Glickstein
Take-Two Sales Team
Take-Two Digital Sales Team
Take-Two Channel Marketing
Team
Siobhan Boes
Hank Diamond
Alan Lewis
Daniel Einzig
Christopher Fiumano
Pedram Rahbari
Jenn Kolbe
Greg Gibson
Take-Two Legal Team
Ashish Popli
Chris McCown
David Boutry
Juan Chavez
Rajesh Joseph
Gaurav Singh
Alexander Raney
Barry Charleton
Mehmet Turan
Jon Titus
Gail Hamrick
Tony MacNeill
Chris Bigelow
Brooke Grabrian
Katie Nelson
Chris Burton
Christina Vu
Betsy Ross
Pete Anderson
Oliver Hall
Maria Zamaniego
Nicholas Bublitz
Nicole Hillenbrand
Danielle Williams
Gwendoline Oliviero
Ariel Owens-Barham
Kyra Simon
Visual Concepts

AGENCIES

Access Communications
Freddie Georges Production
Group
Kathy Lee-Fung
MODCo Media
Modus Operandi
Petrol

LIMITED SOFTWARE WARRANTY, LICENSE AGREEMENT, AND INFORMATION USE DISCLOSURES

This limited software warranty and license agreement (this "Agreement") may be periodically updated and the current version will be posted at www.take2games.com/veula (the "Website"). Your continued use of the Software after a revised Agreement has been posted constitutes your acceptance of its terms. THE "SOFTWARE" INCLUDES ALL SOFTWARE INCLUDED WITH THIS AGREEMENT, THE ACCOMPANYING MANUALS, PACKAGING, AND OTHER WRITTEN FILES, ELECTRONIC OR ON-LINE MATERIALS OR DOCUMENTATION, AND ANY AND ALL COPIES OF SUCH SOFTWARE AND ITS MATERIALS. THE SOFTWARE IS LICENSED, NOT SOLD, BY ON-LINE DOWNLOADING, INSTALLING, COPYING, OR OTHERWISE USING THE SOFTWARE, AND ANY OTHER MATERIALS INCLUDED WITH THE SOFTWARE. YOU AGREE TO BE BOUND BY THE TERMS OF THIS AGREEMENT WITH THE UNITED STATES COMPANY TAKE-TWO INTERACTIVE SOFTWARE, INC. ("LICENSEOR"), AS WELL AS THE PRIVACY POLICY LOCATED AT www.take2games.com/privacy AND TERMS OF SERVICE LOCATED AT www.take2games.com/legal. PLEASE READ THIS AGREEMENT CAREFULLY. IF YOU DO NOT AGREE TO ALL THE TERMS OF THIS AGREEMENT, YOU ARE NOT PERMITTED TO OPEN, DOWNLOAD, INSTALL, COPY, OR USE THE SOFTWARE.

LICENSE

Subject to this Agreement and its terms and conditions, Licensor hereby grants you a nonexclusive, non-transferable, limited, and revocable right and license to use one copy of the Software for your personal, non-commercial use for gameplay on a single Game Platform (e.g. computer, mobile device, or gaming console) unless otherwise expressly specified in the Software documentation. Your license rights are subject to your compliance with this Agreement. The term of your license under this Agreement shall commence on the date that you install or otherwise use the Software and ends on the earlier date of either your disposal of the Software or the termination of this Agreement (see below).

The Software is licensed, not sold, to you, and you hereby acknowledge that no title or ownership in the Software is being transferred or assigned and this Agreement should not be construed as a sale of any rights in the Software. Licensor retains all right, title, and interest to the Software, including but not limited to, all copyrights, trademarks, trade secrets, trade names, proprietary rights, patents, titles, computer codes, audiovisual effects, themes, characters, character names, stories, dialog, settings, artwork, sounds effects, musical works, and moral rights. The Software is protected by U.S. copyright and trademark law and applicable laws and treaties throughout the world. The Software may not be copied, reproduced, or distributed in any manner or medium, in whole or in part, without prior written consent from Licensor. Any persons copying, reproducing, or distributing all or any portion of the Software in any manner or medium, will be willfully violating the copyright laws and may be subject to civil and criminal penalties in the U.S. or their local country. Be advised that U.S. copyright violations are subject to statutory penalties of up to \$150,000 per violation. The Software contains certain licensed materials and Licensor's licensors may also protect their rights in the event of any violation of this Agreement. All rights not expressly granted under this Agreement are reserved by Licensor and, as applicable, its licensors.

LICENSE CONDITIONS

You agree not to: commercially exploit the Software; distribute, lease, license, sell, rent, convert into convertible currency, or otherwise transfer or assign the Software, or any copies of the Software, including but not limited to Virtual Goods or Virtual Currency (defined below) without the express prior written consent of Licensor or as expressly set forth in this Agreement; make a copy of the Software or any part thereof (other than as set forth herein); make a copy

of the Software available on a network for use or download by multiple users; except as otherwise specifically provided by the Software or this Agreement, use or install the Software (or permit others to do same) on a network, for on-line use, or on more than one computer or gaming unit at the same time; copy the Software onto a hard drive or other storage device in order to bypass the requirement to run the Software from the included CD-ROM or DVD-ROM (this prohibition does not apply to copies in whole or in part that may be made by the Software itself during installation in order to run more efficiently); use or copy the Software at a computer gaming center or any other location-based site; provided, that Licensor may offer you a separate license agreement to make the Software available for commercial use; reverse engineer, decompile, disassemble, display, perform, prepare derivative works based on, or otherwise modify the Software, in whole or in part; remove or modify any proprietary notices, marks, or labels contained on or within the Software; restrict or inhibit any other user from using and enjoying any online features of the Software; cheat or utilize any unauthorized robot, spider, or other program in connection with any online features of the Software; violate any terms, policies, licenses, or code of conduct for any online features of the Software; or transport, export, or re-export (directly or indirectly) into any country forbidden to receive the Software by any U.S. export laws or regulations or U.S. economic sanctions or otherwise violate any laws or regulations; or the laws of the country in which the Software was obtained, which may be amended from time to time.

ACCESS TO SPECIAL FEATURES AND/OR SERVICES, INCLUDING DIGITAL COPIES: Software download, redemption of a unique serial code, registration of the Software, membership in a third-party service and/or membership in a Licensor service (including acceptance of related terms and policies) may be required to activate the Software, access digital copies of the Software, or access certain un-lockable, downloadable, online, or other special content, services, and/or functions (collectively, "Special Features"). Access to Special Features is limited to a single User Account (as defined below) per serial code and access to Special Features cannot be transferred, sold, leased, licensed, rented, converted into convertible virtual currency, or re-registered by another user unless otherwise expressly specified. The provisions of this paragraph supersede any other term in this Agreement.

TRANSFER OF PRE-RECORDED COPY LICENSE: You may transfer the entire physical copy of pre-recorded Software and accompanying docu-

mentation on a permanent basis to another person so long as you retain no copies (including archival or backup copies) of the Software, accompanying documentation, or any portion or component of the Software or accompanying documentation, and the recipient agrees to the terms of this Agreement. Transfer of the pre-recorded copy license may require you to take specific steps, as set forth in the Software documentation. You may not transfer, sell, lease, license, rent, or convert into convertible virtual currency any Virtual Currency or Virtual Goods except as expressly set forth in this Agreement or with Licensor's prior written consent. Special Features, including content otherwise unavailable without a single-use serial code, are not transferable to another person under any circumstances, and Special Features may cease functioning if the original installation copy of the Software is deleted or the pre-recorded copy is unavailable to the user. The Software is intended for private use only. **NOTWITHSTANDING THE FOREGOING, YOU MAY NOT TRANSFER ANY PRE-RELEASE COPIES OF THE SOFTWARE.**

TECHNICAL PROTECTIONS: The Software may include measures to control access to the Software, control access to certain features or content, prevent unauthorized copies, or otherwise attempt to prevent anyone from exceeding the limited rights and licenses granted under this Agreement. Such measures may include incorporating license management, product activation, and other security technology in the Software and monitoring usage, including, but not limited to, time, date, access, or other controls, counters, serial numbers, and/or other security devices designed to prevent the unauthorized access, use, and copying of the Software, or any portions or components thereof, including any violations of this Agreement. Licensor reserves the right to monitor use of the Software at any time. You may not interfere with such access control measures or attempt to disable or circumvent such security features, and if you do, the Software may not function properly. If the Software permits access to Special Features, only one copy of the Software may access those Special Features at one time. Additional terms and registration may be required to access online services and to download Software updates and patches. Only Software subject to a valid license can be used to access online services, including downloading updates and patches. Except as otherwise prohibited by applicable law, Licensor may limit, suspend, or terminate the license granted hereunder and access to the Software, including, but not limited to, any related services and products, at any time without notice for any reason whatsoever.

USER CREATED CONTENT: The Software may allow you to create content, including, but not limited to, a gameplay map, scenario, screenshot, card design, item, or video of your game play. In exchange for use of the Software, and to the extent that your contributions through use of the Software give rise to any copyright interest, you hereby grant Licensor an exclusive, perpetual, irrevocable, fully transferable, and sub-licensable worldwide right and license to use your contributions in any way and for any purpose in connection with the Software and related goods and services, including, but not limited to, the rights to reproduce, copy, adapt, modify, perform, display, publish, broadcast, transmit, or otherwise communicate to the public by any means whether now known or unknown and distribute your contributions without any further notice or compensation to you of any kind for the whole duration of protection granted to intellectual property rights by applicable laws and international conventions. You hereby waive and agree never to assert any moral rights of paternity, publication, reproduction, or attribution with respect to Licensor's and other players' use and enjoyment of such assets in connection with the Software and related goods and services under applicable law. This license grant to Licensor, and terms above regarding any applicable moral rights, will survive any termination of this Agreement.

INTERNET CONNECTION: The Software may require an internet connection to access internet-based features, authenticate the Software, or perform other functions.

USER ACCOUNTS: In order to use the Software or a software feature, or for certain features of the Software to operate properly, you may be required to have and maintain a valid and active user account with an online service, such as a third-party gaming platform or social network account ("Third-Party Account"), or an account with Licensor or a Licensor affiliate, as set forth in the Software documentation. If you do not maintain such accounts, then certain features of the Software may not operate or may cease to function properly, either in whole or in part. The Software may also require you to create a Software-specific user account with Licensor or a Licensor affiliate ("User Account") in order to access the Software and its functionality and features. Your User Account log-in may be associated with a Third-Party Account. You are responsible for all use and the security of your User Accounts and any Third-Party Accounts that you use to access the Software.

VIRTUAL CURRENCY & VIRTUAL GOODS: If the Software allows you to purchase and/or earn through play a license to use Virtual Currency and

Virtual Goods, the following additional terms and conditions apply.

VIRTUAL CURRENCY & VIRTUAL GOODS: The Software may enable users to (i) use fictional virtual currency as a medium of exchange exclusively within the Software ("Virtual Currency" or "VC") and (ii) gain access to (and/or claim limited rights to use) virtual goods within the Software ("Virtual Goods" or "VG"). Regardless of the terminology used, VC and VG represent a limited license right governed by this Agreement. Subject to the terms of and compliance with this Agreement, Licensor hereby grants you the nonexclusive, non-transferable, non-sublicensable, limited right and license to use VC and VG obtained by you for your personal non-commercial gameplay exclusively within the Software. Except as otherwise prohibited by applicable law, VC and VG obtained by you are licensed to you, and you hereby acknowledge that no title or ownership in or to VC and VG is being transferred or assigned hereunder. This Agreement should not be construed as a sale of any rights in VC and VG. VC and VG do not have an equivalent value in real currency and do not act as a substitute for real currency. You acknowledge and agree that Licensor may revise or take action that impacts the perceived value of or purchase price for any VC and/or VG at any time except as prohibited by applicable law. VC and VG do not incur fees for non-use; provided, however, that the license granted hereunder to VC and VG will terminate in accordance with the terms and conditions of this Agreement and the Software documentation, when Licensor ceases providing the Software, or this Agreement is otherwise terminated. Licensor, in its sole discretion, reserves the right to charge fees for the right to access or use VC or VG and/or may distribute VC or VG with or without charge.

EARNING & PURCHASING virtual currency and virtual goods: You may have the ability to purchase VC or to earn VC from Licensor for the completion of certain activities or accomplishments in the Software. For example, Licensor may provide VC or VG upon the completion of an in-game activity, such as attaining a new level, completing a task, or creating user content. Once obtained, VC and/or VG will be credited to your User Account. You may purchase VC and VG only within the Software, or through a platform, participating third-party online store, application store, or other store authorized by Licensor (all referred to herein as "Software Store"). Purchase and use of in-game items or currency through a Software Store are subject to the Software Store's governing documents, including but not limited to the Terms of Service and User Agreement. This online service has been sublicensed to you by the Software Store. GF Licensor may offer discounts or promotions on the purchase of VC, and such discounts and promotions may be modified or discontinued by Licensor at any time without notice to you. Upon completing an authorized purchase of VC from an Application Store, the amount of purchased VC will be credited to your User Account. The Licensor shall establish a maximum amount you may spend to purchase VC per transaction and/or per day, which may vary depending on the associated Software. Licensor, in

its sole discretion, may impose additional limits on the amount of VC you may purchase or use, how you may use VC, and the maximum balance of VC that may be credited to your User Account. You are solely responsible for all VC purchases made through your User Account regardless of whether or not authorized by you.

Balance Calculation: You can access and view your available VC and VG in your User Account when logged into your User Account. Licensor reserves the right, in its sole discretion, to make all calculations regarding the available VC and VG in your User Account. Licensor further reserves the right, in its sole discretion, to determine the amount of and manner in which VC is credited and debited from your User Account in connection with your purchase of VG or for other purposes. While Licensor strives to make all such calculations on a consistent and reasonable basis, you hereby acknowledge and agree that Licensor's determination of the available VC and VG in your User Account is final, unless you can provide documentation to Licensor that such calculation was or is intentionally incorrect.

USING VIRTUAL CURRENCY & VIRTUAL GOODS: All purchased in-game Virtual Currency and/or Virtual Goods may be consumed or lost by players in the course of gameplay according to the game's rules applicable to currency and goods, which may vary depending on the associated Software. VC and VG may only be used within the Software, and Licensor, in its sole discretion, may limit use of VC and/or VG to a single game. The authorized uses and purposes of VC and VG may change at any time. Your available VC and/or VG is shown in your User Account and will be reduced each time you use VC and/or VG within the Software. The use of any VC and/or VG constitutes a demand against and withdrawal from your available VC and/or VG in your User Account. You must have sufficient available VC and/or VG in your User Account in order to complete a transaction within the Software. VC and/or VG in your User Account may be reduced without notice upon the occurrence of certain events related to your use of the Software: For example, you may lose VC or VG upon the loss of a game or the death of your character. You are responsible for all uses of VC and/or VG made through your User Account, regardless of whether or not authorized by you. You must notify Licensor immediately upon discovering the unauthorized use of any VC and/or VG made through your User Account by submitting a support request at www.take2games.com/support.

NON-REDEEMABLE: VC and VG may only be redeemed for in-game goods and services. You may not sell, lease, license, or rent VC or VG, convert them into convertible VC. VC and VG may only be redeemed for in-game goods or services and are not redeemable for any sum of money or monetary value or other goods from Licensor or any other person or entity at any time, except as expressly provided herein or otherwise required by applicable law. VC and VG have no cash value, and neither Licensor nor any other person or entity has any obligation to exchange your VC or VG for anything of value, including, but not limited to, real currency.

NO REFUND: All purchases of VC and VG are final and under no circumstances will such purchases be refundable, transferable, or exchangeable. Except as prohibited by applicable law, Licensor has the absolute right to manage, regulate, control, modify, suspend, and/or eliminate such VC and/or VG as it sees fit in its sole discretion, and Licensor shall have no liability to you or anyone else for the exercise of such rights.

No Transfers: Any transferring, trading, selling, or exchanging of any VC or VG to anyone, other than in game play using the Software as expressly authorized by Licensor ("Unauthorized Transactions"), including, but not limited to, among other users of the Software, is not sanctioned by Licensor and is strictly forbidden. Licensor reserves the right, in its sole discretion, to terminate, suspend, or modify your User Account and your VC and VG and terminate this Agreement if you engage in, assist in, or request any Unauthorized Transactions. All users who participate in such activities do so at their own risk and hereby agree to indemnify and hold harmless Licensor, its partners, licensors, affiliates, contractors, officers, directors, employees, and agents from all damages, losses and expenses arising directly or indirectly from such actions. You acknowledge that Licensor may request that the applicable Application Store stop, suspend, terminate, discontinue, or reverse any Unauthorized Transaction, regardless of when such Unauthorized Transaction occurred (or has yet to occur) when it suspects or has evidence of fraud, violations of this Agreement, violations of any applicable law or regulations, or any intentional act designed to interfere or that otherwise has the effect of or may have the effect of intervening in any way with the operation of the Software. If we believe or have any reason to suspect that you have engaged in an Unauthorized Transaction, you further agree that Licensor may, in its sole discretion, restrict your access to your available VC and VG in your User Account, or terminate or suspend your User Account and your rights to any VC, VG, and other items associated with your User Account.

LOCATION: VC is only available to customers in certain locations. You may not purchase or use VC if you are not in an approved location.

SOFTWARE STORE TERMS This Agreement and the provision of the Software through any Software Store (including the purchase of VC or VG) is subject to the additional terms and conditions set forth on or in or required by the applicable Software Store and all such applicable terms and conditions are incorporated herein by this reference. Licensor is not responsible or liable to you for any credit card or bank-related charges or other charges or fees related to your purchase transactions within the Software or through a Software Store. All such transactions are administered by the Software Store, not Licensor. Licensor expressly disclaims any liability for any such transactions, and you agree that your sole remedy regarding all transactions is from or through such Software Store.

This Agreement is solely between you and Licensor, and not with any

Software Store. You acknowledge that the Software Store has no obligation to furnish any maintenance or support services to you in connection with the Software. Except for the foregoing, to the maximum extent permitted by applicable law, the Software Store will have no other warranty obligation whatsoever with respect to the Software. Any claim in connection with the Software related to product liability, a failure to conform to applicable legal or regulatory requirements, claims under consumer protection or similar legislation or intellectual property infringement are governed by this Agreement, and the Software Store is not responsible for such claims. You must comply with the Software Store Terms of Service and any other Software Store applicable rules or policies. The license to the Software is a non-transferable license to use the Software only on an applicable device that you own or control. You represent that you are not located in any U.S.-embargoed countries or other geographical areas or on the U.S. Treasury Department's list of Specially Designated Nationals or the U.S. Department of Commerce Denied Person's list or Entity List. The Software Store is a third-party beneficiary to this Agreement and may enforce this Agreement against you.

INFORMATION COLLECTION & USAGE By installing and using the Software, you consent to the information collection and usage terms set forth in this section and Licensor's Privacy Policy, including (where applicable) (i) the transfer of any personal information and other information to Licensor, its affiliates, vendors, and business partners, and to certain other third parties, such as governmental authorities, in the U.S. and other countries located outside Europe or your home country, including countries that may have lower standards of privacy protection; (ii) the public display of your data, such as identification of your user-created content or displaying your scores, ranking, achievements, and other gameplay data on websites and other platforms; (iii) the sharing of your gameplay data with hardware manufacturers, platform hosts, and Licensor's marketing partners; and (iv) other uses and disclosures of your personal information or other information as specified in the above-referenced Privacy Policy, as amended from time to time. If you do not want your information used or shared in this manner, then you should not use the Software.

For the purposes all data privacy issues, including the collection, use, disclosure, and transfer of your personal information and other information, the Privacy Policy located at www.take2games.com/privacy, as amended from time to time, takes precedence over any other statement in this Agreement.

WARRANTY LIMITED WARRANTY: Licensor warrants to you (if you are the initial and original purchaser of the Software but not if you obtain the pre-recorded Software and accompanying documentation as a transfer from the original purchaser) that the original storage medium holding the Software is free from defects in material and workmanship under normal use and service for 90 days from the date

of purchase. Licensor warrants to you that the Software is compatible with a personal computer meeting the minimum system requirements listed in the Software documentation or that it has been certified by the gaming unit producer as compatible with the gaming unit for which it has been published. However, due to variations in hardware, software, internet connections, and individual usage, Licensor does not warrant the performance of the Software on your specific computer or gaming unit. Licensor does not warrant against interference with your enjoyment of the Software; that the Software will meet your requirements; that operation of the Software will be uninterrupted or error-free; or that the Software will be compatible with third-party software or hardware or that any errors in the Software will be corrected. No oral or written advice provided by Licensor or any authorized representative shall create a warranty. Because some jurisdictions do not allow the exclusion of or limitations on implied warranties or the limitations on the applicable statutory rights of a consumer, some or all of the above exclusions and limitations may not apply to you.

If for any reason you find a defect in the storage medium or Software during the warranty period, Licensor agrees to replace, free of charge, any Software discovered to be defective within the warranty period as long as the Software is currently being manufactured by Licensor. If the Software is no longer available, Licensor retains the right to substitute a similar piece of Software of equal or greater value. This warranty is limited to the storage medium and the Software as originally provided by Licensor and is not applicable to normal wear and tear. This warranty shall not be applicable and shall be void if the defect has arisen through abuse, mistreatment or neglect. Any implied warranties prescribed by statute are expressly limited to the 90-day period described above.

Except as set forth above, this warranty is in lieu of all other warranties, whether oral or written, express or implied, including any other warranty of merchantability, fitness for a particular purpose, or non-infringement, and no other representations or warranties of any kind shall be binding on Licensor. When returning the Software subject to the limited warranty above, please send the original Software only to Licensor address specified below and include: your name and return address; a photocopy of your dated sales receipt; and a brief note describing the defect and the system on which you are running the Software.

INDEMNITY
You agree to indemnify, defend, and hold Licensor, its partners, licensors, affiliates, contractors, officers, directors, employees, and agents harmless from all damages, losses, and expenses arising directly or indirectly from your acts and omissions to act in using the Software pursuant to the terms of the Agreement.

IN NO EVENT WILL LICENSOR BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM POSSESSION, USE, OR MALFUNCTION OF THE SOFTWARE, INCLUDING, BUT NOT LIMITED TO, DAMAGES TO PROPERTY, LOSS OF GOODWILL, COMPUTER

FAILURE OR MALFUNCTION, AND TO THE EXTENT PERMITTED BY LAW, DAMAGES FOR PERSONAL INJURIES, PROPERTY DAMAGE, OR LOST PROFITS OR PUNITIVE DAMAGES FROM ANY CAUSES OF ACTION ARISING OUT OF OR RELATED TO THIS AGREEMENT OR THE SOFTWARE, WHETHER ARISING IN TORT (INCLUDING NEGLIGENCE), CONTRACT STRICT LIABILITY, OR OTHERWISE, WHETHER OR NOT LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT SHALL LICENSOR'S LIABILITY FOR ALL DAMAGES (EXCEPT AS REQUIRED BY APPLICABLE LAW) EXCEED THE ACTUAL PRICE PAID BY YOU FOR USE OF THE SOFTWARE. IN NO EVENT SHALL LICENSOR'S AGGREGATE LIABILITY FOR ANY AND ALL CLAIMS HEREUNDER BY YOU, REGARDLESS OF THE FORM OF ACTION, EVER EXCEED THE GREATER OF THE FEES PAID BY YOU TO LICENSOR FOR THE PRECEDING TWELVE (12) MONTH PERIOD FOR ANYTHING RELATING TO THE SOFTWARE OR US\$200, WHICHEVER IS GREATER.

BECAUSE SOME STATES/COUNTRIES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS AND/OR THE EXCLUSION OR LIMITATION OF LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, DEATH, OR PERSONAL INJURY RESULTING FROM NEGLIGENCE, FRAUD, OR WILLFUL MISCONDUCT, THESE LIMITATIONS AND/OR EXCLUSIONS AND ANY EXCLUSION OR LIMITATION OTHERWISE RESULTING FROM THE ABOVE INDEMNITY MAY NOT APPLY TO YOU. THIS WARRANTY SHALL NOT BE APPLICABLE SOLELY TO THE EXTENT THAT ANY SPECIFIC PROVISION OF THIS WARRANTY IS PROHIBITED BY ANY FEDERAL, STATE, OR MUNICIPAL LAW WHICH CANNOT BE PRE-EMPTED. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS THAT VARY FROM JURISDICTION TO JURISDICTION. WE DO NOT AND CANNOT CONTROL THE FLOW OF DATA TO OR FROM OUR NETWORK AND OTHER PORTIONS OF THE INTERNET, WIRELESS NETWORKS, OR OTHER THIRD-PARTY NETWORKS. SUCH FLOW DEPENDS IN LARGE PART ON THE PERFORMANCE OF THE INTERNET AND WIRELESS SERVICES PROVIDED OR CONTROLLED BY THIRD PARTIES. AT TIMES, ACTIONS OR INACTIONS OF SUCH THIRD PARTIES MAY IMPAIR OR DISRUPT YOUR CONNECTIONS TO THE INTERNET, WIRELESS SERVICES, OR PORTIONS THEREOF. WE CANNOT GUARANTEE THAT SUCH EVENTS WILL NOT OCCUR. ACCORDINGLY, WE DISCLAIM ANY AND ALL LIABILITY RESULTING FROM OR RELATED TO THIRD-PARTY ACTIONS OR INACTIONS THAT IMPAIR OR DISRUPT YOUR CONNECTIONS TO THE INTERNET, WIRELESS SERVICES, OR PORTIONS THEREOF OR THE USE OF THE SOFTWARE AND RELATED SERVICES AND PRODUCTS.

TERMINATION
This Agreement is effective until terminated by you or by the Licensor. This Agreement automatically terminates when Licensor ceases to operate the Software servers (for games exclusively operated online), if Licensor determines or believes your use of the Software involves or may involve fraud or money laundering or any other illicit activity,

or upon your failure to comply with terms and conditions of this Agreement, including, but not limited to, the License Conditions above. You may terminate this Agreement at any time by (i) requesting Licensor to terminate and delete your User Account that is used to access or use the Software using the method set forth in the Terms of Service or (ii) destroying and/or deleting any and all copies of all Software in your possession, custody, or control. Deleting the Software from your Game Platform will not delete the information associated with your User Account, including any VC and VG associated with your User Account. If you reinstall the Software using the same User Account, then you may still have access to your prior User Account information, including any VC and VG associated with your User Account. However except as otherwise prohibited by applicable law, if your User Account is deleted upon termination of this Agreement for any reason, all VC and/or VG associated with your User Account will also be deleted, and you will no longer be available for use the Software or any VC or VG associated with your User Account. If this Agreement terminates due to your violation of this Agreement, Licensor may prohibit you from re-registering or re-accessing the Software. Upon your termination of this Agreement, you must destroy or return the physical copy of Software to Licensor, as well as permanently destroy all copies of the Software, accompanying documentation, associated materials, and all of its component parts in your possession or control, including from any client server, computer, gaming unit, or mobile device on which it has been installed. Upon termination of this Agreement, your rights to use the Software, including any VC or VG associated with your User Account, will terminate immediately, and you must cease all use of the Software. The termination of this Agreement will not affect our rights or your obligations arising under this Agreement.

U.S. GOVERNMENT RESTRICTED RIGHTS

The Software and documentation have been developed entirely at private expense and are provided as "Commercial Computer Software" or "restricted computer software." Use, duplication, or disclosure by the U.S. Government or a U.S. Government subcontractor is subject to the restrictions set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clauses in DFARS 252.227-7013 or as set forth in subparagraph (c)(1) and (2) of the Commercial Computer Software Restricted Rights clauses at FAR 52.227-19, as applicable. The Contractor/Manufacturer is Licensor at the location listed below.

EQUITABLE REMEDIES

You hereby agree that if the terms of this Agreement are not specifically enforced, Licensor will be irreparably damaged, and therefore you agree that Licensor shall be entitled, without bond, other security, or proof of damages, to appropriate equitable remedies with respect any of this Agreement, including temporary and permanent injunctive relief, in addition to any other available remedies.

TAXES AND EXPENSES

You shall be responsible for and

shall pay and shall indemnify and hold harmless Licensor and any and all of its affiliates, officers, directors, and employees against all taxes, duties, and levies of any kind imposed by any governmental entity with respect to the transactions contemplated under the this Agreement, including interest and penalties thereon (exclusive of taxes on Licensor's net income), irrespective of whether included in any invoice sent to you at any time by Licensor. You shall provide copies of any and all exemption certificates to Licensor if you are entitled to any exemption. All expenses and costs incurred by you in connection with your activities hereunder, if any, are your sole responsibility. You are not entitled to reimbursement from Licensor for any expenses, and will hold Licensor harmless therefrom.

TERMS OF SERVICE

All access to and use of the Software is subject to this Agreement, the applicable Software documentation, Licensor's Terms of Service, and Licensor's Privacy Policy, and all terms and conditions of the Terms of Service are hereby incorporated into this Agreement by this reference. These agreements represent the complete agreement between you and Licensor relating to use of the Software and related services and products and supersede and replace any prior agreements between you and Licensor, whether written or oral. To the extent there is a conflict between this Agreement and the Terms of Service, this Agreement shall control.


MISCELLANEOUS

If any provision of this Agreement is held to be unenforceable for any reason, such provision shall be reformed only to the extent necessary to make it enforceable and the remaining provisions of this Agreement shall not be affected.

GOVERNING LAW

This Agreement shall be construed (without regard to conflicts or choice of law principles) under the laws of the State of New York, as such law is applied to agreements between New York residents entered into and to be performed within New York, except as governed by federal law. Unless expressly waived by Licensor in writing for the particular instance or contrary to local law, the sole and exclusive jurisdiction and venue for actions related to the subject matter hereof shall be the state and federal courts located in Licensor's principal corporate place of business (New York County, New York, U.S.A.). You and Licensor consent to the jurisdiction of such courts and agree that process may be served in the manner provided herein for giving of notices or otherwise as allowed by New York state or federal law. You and Licensor agree that the UN Convention on Contracts for the International Sale of Goods (Vienna, 1980) shall not apply to this Agreement or to any dispute or transaction arising out of this Agreement.

IF YOU HAVE ANY QUESTIONS CONCERNING THIS AGREEMENT, YOU MAY CONTACT US IN WRITING AT: TAKE-TWO INTERACTIVE SOFTWARE, INC., 622 BROADWAY, NEW YORK, NY 10012, 91902013v1
All other terms and conditions of the EULA apply to your use of the Software.



VIGILO
CONFIDO

TECHNICAL SUPPORT

You can find the latest technical support information and up to date FAQs at the following website:

GENERAL SUPPORT AND FAQs:

<http://support.2k.com/>

END USER LICENSE AGREEMENT

The latest EULA for the title can be found at:

<http://www.take2games.com/eula/>

my2K SUPPORT

<http://support.2k.com/hc/en-us/articles/201335163-my2K-Frequently-Asked-Questions>

©1994–2016 Take-Two Interactive Software, Inc. Take-Two Interactive Software, Inc., 2K, Firaxis Games, XCOM, XCOM 2, and their respective logos are trademarks of Take-Two Interactive Software, Inc. Unreal® Engine, Copyright 1998–2015, Epic Games, Inc. All rights reserved. Unreal® is a registered trademark of Epic Games, Inc. Uses Bink Video. Copyright ©1997–2015 by RAD Game Tools, Inc. This software product includes Autodesk® Scaleform® software, ©2015 Autodesk, Inc. All Rights Reserved. Portions hereof ©2002–2015 by NVIDIA® Corporation. NVIDIA®, NVIDIA®GameWorkstm and PhysXtm are trademarks of NVIDIA Corporation. All rights reserved. Facial animations generated with FaceFX. ©2002–2015, OC3 Entertainment Inc. and its licensors. All rights reserved. The ratings icon is a registered trademark of the Entertainment Software Association. All other marks and trademarks are property of their respective owners. The content of this videogame is fictional and is not intended to represent or depict an actual record of the events, persons, locations or entities in the game's setting. The makers and publishers of this videogame do not in any way endorse, condone or encourage engaging in any conduct depicted in this videogame.